

FreeNAS - Feature #35769

Umbrella # 50841 (Done): Network Interfaces Management Rewrite

Add set of APIs to manage network interfaces

06/25/2018 10:36 AM - William Grzybowski

Status: Done	Estimated time: 0.00 hour
Priority: No priority	
Assignee: William Grzybowski	
Category: Middleware	
Target version: 11.3-ALPHA1	
Severity: Medium	Needs Merging: No
Reason for Closing:	Needs Automation: No
Reason for Blocked:	Support Suite Ticket: n/a
Needs QA: No	Hardware Configuration:
Needs Doc: No	

Description

Current network interfaces implementation as far from optimal, it has a few shortcomings:

- Interfaces are not listed until configured
- Changes to multiple interfaces cannot be made at once
- bridge is not supported

In this new implementation we will aim to fix these problems.

This new API needs to be backward compatible with old API.

Risk

This is a high risk change, since its an overhaul on how interfaces work we may introduce all kinds of different bugs.

Acceptance Criteria

Interfaces management should continue to work just as before using the legacy UI.

Related issues:

Related to FreeNAS - Feature #34294: Add ability to stage network config chan...	Done
Copied to FreeNAS - Feature #74902: Update network interface screens with lat...	Closed

Associated revisions

Revision 818de851 - 07/31/2018 11:38 AM - William Grzybowski

feat(middlewared): correctly handle IPAddr network and IP with CIDR

Ticket: #35769

Revision e9bc98ba - 07/31/2018 12:02 PM - William Grzybowski

feat(middlewared/network): implement interfaces.create

Allow us to create a LAG or VLAN interface.

Extra validation is still required to make sure provided interfaces for LAG members and VLAN parent interface are allowed/sane.

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Revision af554307 - 08/02/2018 07:27 AM - William Grzybowski

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Revision 9c9f0616 - 08/02/2018 07:27 AM - William Grzybowski

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Revision 95e1acc0 - 08/02/2018 07:27 AM - William Grzybowski

feat(middlewared/network): add validation to LAG members and VLAN ifaces

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Revision 135bf72 - 08/02/2018 07:27 AM - William Grzybowski

feat(middlewared): allow List to be unique

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Revision f5c0c405 - 08/02/2018 07:27 AM - William Grzybowski

feat(middlewared/network): validate aliases

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Revision e5f06c3b - 08/02/2018 10:56 AM - William Grzybowski

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Revision 464c7015 - 08/02/2018 10:56 AM - William Grzybowski

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Revision a8b2ffab - 08/02/2018 10:56 AM - William Grzybowski

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Revision 9f298107 - 08/02/2018 10:56 AM - William Grzybowski

fix(middlewareed): derivate id from name and return instance on create

Ticket: #35769

Revision 34ccfce5 - 08/03/2018 09:19 AM - William Grzybowski

feat(middlewareed): implement interfaces.update

Ticket: #35769

Revision 74cd0350 - 08/03/2018 09:19 AM - William Grzybowski

feat(middlewareed/network): allow only one interface for dhcp/autoconfigure

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Revision 43178230 - 08/03/2018 09:19 AM - William Grzybowski

fix(middlewareed/network): schema name for interfaces.update errors

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Revision ac695414 - 08/03/2018 09:45 AM - William Grzybowski

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Revision 9822b7a0 - 08/03/2018 09:45 AM - William Grzybowski

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Revision eb0aab12 - 08/03/2018 09:45 AM - William Grzybowski

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Revision 2be33bab - 08/28/2018 06:27 AM - William Grzybowski

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Revision 236d08c7 - 08/28/2018 06:27 AM - William Grzybowski

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Revision a42fc5be - 08/28/2018 06:27 AM - William Grzybowski

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Revision 000fc51b - 08/28/2018 06:27 AM - William Grzybowski

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Revision f5f43ecd - 08/28/2018 06:27 AM - William Grzybowski

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Revision b6ead9f0 - 08/28/2018 06:27 AM - William Grzybowski

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Revision b3a4563f - 08/28/2018 07:05 AM - William Grzybowski

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Revision fe37a0e6 - 08/28/2018 07:05 AM - William Grzybowski

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Revision abe4ed9e - 08/28/2018 07:05 AM - William Grzybowski

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Revision 4b3345fa - 08/28/2018 07:05 AM - William Grzybowski

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Revision deee9ab7 - 08/28/2018 07:05 AM - William Grzybowski

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Revision 45f40b79 - 08/28/2018 07:05 AM - William Grzybowski

Show all interfaces with dhcp enabled if none is configured

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Revision 940b417a - 08/28/2018 07:33 AM - William Grzybowski

feat(middlewared/network): allow interfaces.sync to wait DHCP

This is useful on boot where we need to wait DHCP to acquire an address before continuing.

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Revision d6d22c07 - 08/28/2018 08:32 AM - William Grzybowski

feat(middlewared/network): start network using middleware

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Revision 3d941628 - 08/28/2018 12:33 PM - William Grzybowski

feat(middlewared/network): add ability to rollback interfaces changes

Ticket: #35769

Revision 7e44146e - 08/29/2018 07:06 AM - William Grzybowski

feat(middlewared/network): do not require interface name on create

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Revision 2137b38e - 08/29/2018 09:07 AM - William Grzybowski

feat(middlewared/network): implement interfaces.delete

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Revision abb53c85 - 08/30/2018 08:28 AM - William Grzybowski

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Revision 917da54f - 08/30/2018 08:28 AM - William Grzybowski

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Revision 2bcf948c - 08/30/2018 08:28 AM - William Grzybowski

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Revision 273a8655 - 08/30/2018 08:28 AM - William Grzybowski

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Revision 36a2afcf - 08/30/2018 08:28 AM - William Grzybowski

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Revision 7d647c49 - 08/30/2018 08:28 AM - William Grzybowski

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Revision 491585a7 - 08/30/2018 08:28 AM - William Grzybowski

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Revision 0880e9c6 - 08/30/2018 08:28 AM - William Grzybowski

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Revision 14c1cccd - 08/30/2018 08:28 AM - William Grzybowski

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Revision 20d2b1f5 - 08/30/2018 08:28 AM - William Grzybowski

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Revision 3ded8f3b - 08/30/2018 08:28 AM - William Grzybowski

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Revision e40da3d3 - 08/30/2018 08:28 AM - William Grzybowski

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Revision 3a4dacfa - 08/30/2018 08:28 AM - William Grzybowski

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Revision 1eccac8d - 08/30/2018 08:28 AM - William Grzybowski

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Revision 9027d332 - 08/30/2018 08:28 AM - William Grzybowski

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Revision 4906d4e9 - 08/30/2018 11:03 AM - William Grzybowski

fix(middlewared/network): vlan and lagg name validation

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Revision 96eaf7f4 - 09/03/2018 08:10 AM - William Grzybowski

feat(pytest): first couple tests for interfaces

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Revision 971d1ec7 - 09/03/2018 08:10 AM - William Grzybowski

fix(pytest): catch up with IPAddr changes

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Revision 43a10479 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 8b70ea58 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 41280a70 - 09/03/2018 08:27 AM - William Grzybowski

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Revision cddf4c91 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 337c3837 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 6240e5e2 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 82644c67 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 7b2f0a1f - 09/03/2018 08:27 AM - William Grzybowski

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Revision 02070c53 - 09/03/2018 08:27 AM - William Grzybowski

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Revision e947da56 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 78b04140 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 5d9b34dd - 09/03/2018 08:27 AM - William Grzybowski

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Revision 85d69601 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 7d523244 - 09/03/2018 08:27 AM - William Grzybowski

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Revision c2b82259 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 3e88ede9 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 38664c47 - 09/03/2018 08:27 AM - William Grzybowski

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Revision 2a9f877f - 09/03/2018 08:27 AM - William Grzybowski

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Revision a2a87119 - 09/03/2018 08:27 AM - William Grzybowski

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Revision fd2b6ce0 - 09/03/2018 08:27 AM - William Grzybowski

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Revision ff988735 - 09/03/2018 09:32 AM - William Grzybowski

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Revision 36c8271b - 09/03/2018 09:32 AM - William Grzybowski

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Revision 0f5af7b3 - 09/03/2018 10:47 AM - William Grzybowski

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Revision b9a2144e - 09/03/2018 10:52 AM - William Grzybowski

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Revision c6c1c308 - 09/03/2018 01:57 PM - William Grzybowski

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Revision 7cb3e00b - 09/03/2018 01:57 PM - William Grzybowski

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Revision 7cf097c3 - 09/03/2018 01:57 PM - William Grzybowski

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Revision f9935ed4 - 09/03/2018 01:57 PM - William Grzybowski

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Revision d21fc955 - 09/03/2018 01:57 PM - William Grzybowski

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Revision c5303f44 - 09/03/2018 01:57 PM - William Grzybowski

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Revision c6a40014 - 09/03/2018 01:57 PM - William Grzybowski

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Revision e422c0b8 - 09/03/2018 01:57 PM - William Grzybowski

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Revision 63be4e70 - 09/03/2018 01:57 PM - William Grzybowski

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Revision bb06140f - 09/03/2018 01:57 PM - William Grzybowski

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Revision a9e3a323 - 09/03/2018 01:57 PM - William Grzybowski

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Revision 8c61086f - 09/03/2018 01:57 PM - William Grzybowski

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Revision 036f9990 - 09/03/2018 01:57 PM - William Grzybowski

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Revision e47a5081 - 09/03/2018 01:57 PM - William Grzybowski

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Revision bcbc7a2f - 09/03/2018 01:57 PM - William Grzybowski

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Revision e52a5e67 - 09/03/2018 01:57 PM - William Grzybowski

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Revision 8714cb50 - 09/03/2018 01:57 PM - William Grzybowski

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Revision 605615cf - 09/03/2018 01:57 PM - William Grzybowski

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Revision 98972098 - 09/03/2018 01:57 PM - William Grzybowski

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Revision 3500db89 - 09/03/2018 01:57 PM - William Grzybowski

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Revision 1e7265f3 - 09/03/2018 01:57 PM - William Grzybowski

feat(pytest): a few more unit tests for interfaces

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Revision a147ca76 - 09/03/2018 02:09 PM - William Grzybowski

feat(middlewared/network): add attribute exclusive for MTU

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Revision fa032561 - 09/04/2018 06:15 AM - William Grzybowski

feat(middlewared/network): add attribute exclusive for MTU

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Revision fc1f7054 - 09/04/2018 07:18 AM - William Grzybowski

fix(middlewared/network): avoid setting MTU in options and add unit test

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Revision 80e09607 - 09/04/2018 07:27 AM - William Grzybowski

feat(middlewared/network): implement interfaces.has_pending_changes

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Revision a10fb542 - 09/04/2018 08:43 AM - William Grzybowski

feat(middlewared/network): do not allow VLAN MTU be bigger than parent

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Revision 33d3d81c - 09/04/2018 08:47 AM - William Grzybowski

feat(pytest): add test for VLAN MTU bigger than parent iface

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Revision cc7fc0cd - 09/04/2018 10:51 AM - William Grzybowski

feat(middlewared/network): do not allow LAG members to be changed

Aliases, MTU, DHCP/IPv6Auto are not allowed to be changed.

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Revision 6ab9f0c2 - 09/04/2018 11:44 AM - William Grzybowski

feat(middlewared/network): set interface description

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Revision bf22280f - 09/05/2018 08:26 AM - William Grzybowski

fix(gui): creating/updating interface without MTU

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Revision baa6d3c5 - 09/05/2018 08:45 AM - William Grzybowski

fix(middlewared/network): reset LAG ports options/IPs

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Revision 4bc180ee - 09/05/2018 12:00 PM - William Grzybowski

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Revision 2a3d4491 - 09/10/2018 12:35 PM - William Grzybowski

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Revision be9a3853 - 09/10/2018 01:16 PM - William Grzybowski

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Revision cae1d68b - 09/10/2018 01:33 PM - William Grzybowski

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Since now Link Aggregation MTU is set in its own interface instead of ports the process is a lot simpler.

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Revision b8ff3f01 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 5e9145f1 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 92ae7b5a - 09/17/2018 10:59 AM - William Grzybowski

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Revision 44566817 - 09/17/2018 10:59 AM - William Grzybowski

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Revision b91b0f5a - 09/17/2018 10:59 AM - William Grzybowski

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Revision 4d7c0eb0 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 621102a8 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 159f20ee - 09/17/2018 10:59 AM - William Grzybowski

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Revision 277d0eda - 09/17/2018 10:59 AM - William Grzybowski

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Revision c686d01b - 09/17/2018 10:59 AM - William Grzybowski

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Revision 90d568f9 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 46e7c310 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 03e8aa14 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 2fb1cf5c - 09/17/2018 10:59 AM - William Grzybowski

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Revision 289fe22b - 09/17/2018 10:59 AM - William Grzybowski

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Revision b0360881 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 3cf30a04 - 09/17/2018 10:59 AM - William Grzybowski

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Revision aa8bd7dc - 09/17/2018 10:59 AM - William Grzybowski

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Revision f9b5e523 - 09/17/2018 10:59 AM - William Grzybowski

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Revision f8799291 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 466ab35c - 09/17/2018 10:59 AM - William Grzybowski

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Revision 7857af90 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 5d9c7f24 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 4610bcc6 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 2261e273 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 980d6494 - 09/17/2018 10:59 AM - William Grzybowski

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Revision 32995813 - 09/17/2018 10:59 AM - William Grzybowski

fix(rc): remove lagg device options from netcli/rc.conf/apidocs

Ticket: #35769

Revision d14181af - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared): correctly handle IPAddr network and IP with CIDR

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Revision a2cb0f2b - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): implement interfaces.create

Allow us to create a LAG or VLAN interface.

Extra validation is still required to make sure provided interfaces for LAG members and VLAN parent interface are allowed/sane.

Ticket: #35769

Revision ba5c8be4 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): add validation to LAG members and VLAN ifaces

Ticket: #35769

Revision f35d446b - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared): allow List to be unique

Ticket: #35769

Revision a8945fb5 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): validate aliases

Ticket: #35769

Revision 2722da76 - 10/08/2018 10:40 AM - William Grzybowski

fix(middlewared): derivate id from name and return instance on create

Ticket: #35769

Revision 6bc54158 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared): implement interfaces.update

Ticket: #35769

Revision f9830016 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): allow only one interface for dhcp/autoconfigure

Ticket: #35769

Revision 0a90d672 - 10/08/2018 10:40 AM - William Grzybowski

fix(middlewared/network): schema name for interfaces.update errors

Ticket: #35769

Revision 41c7bee9 - 10/08/2018 10:40 AM - William Grzybowski

fix(gui): do not restart network when deleting models

This is already handled in forms.

Ticket: #35769

Revision 46c72acd - 10/08/2018 10:40 AM - William Grzybowski

fix(middlewared/network): aliases is not required

Ticket: #35769

Revision 64932f33 - 10/08/2018 10:40 AM - William Grzybowski

Show all interfaces with dhcp enabled if none is configured

Ticket: #35769

Revision 50175d33 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): allow interfaces.sync to wait DHCP

This is useful on boot where we need to wait DHCP to acquire an address before continuing.

Ticket: #35769

Revision be03c592 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): start network using middleware

Ticket: #35769

Revision 544b0013 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): add ability to rollback interfaces changes

Ticket: #35769

Revision 17959ee6 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): do not require interface name on create

Ticket: #35769

Revision 363ffb57 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): implement interfaces.delete

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Ticket: #35769

Revision 943d70cc - 10/08/2018 10:40 AM - William Grzybowski

fix(middlewared/network): vlan and lagg name validation

Ticket: #35769

Revision 6cf78ee9 - 10/08/2018 10:40 AM - William Grzybowski

feat(pytest): first few tests for interfaces

Ticket: #35769

Revision 4f2fad2 - 10/08/2018 10:40 AM - William Grzybowski

fix(pytest): catch up with IPAddr changes

Ticket: #35769

Revision e98da601 - 10/08/2018 10:40 AM - William Grzybowski

feat(pytest): a few more unit tests for interfaces

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Ticket: #35769

Revision e91ca0d5 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): add attribute exclusive for MTU

Ticket: #35769

Revision b29d60a8 - 10/08/2018 10:40 AM - William Grzybowski

fix(middlewared/network): avoid setting MTU in options and add unit test

Ticket: #35769

Revision 39bf8c30 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): implement interfaces.has_pending_changes

Ticket: #35769

Revision 37257a3a - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): do not allow VLAN MTU be bigger than parent

Ticket: #35769

Revision 5a7a7fce - 10/08/2018 10:40 AM - William Grzybowski

feat(pytest): add test for VLAN MTU bigger than parent iface

Ticket: #35769

Revision f27bf1aa - 10/08/2018 10:40 AM - William Grzybowski

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Revision 35bc1eb9 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): set interface description

Ticket: #35769

Revision fb9055c1 - 10/08/2018 10:40 AM - William Grzybowski

fix(gui): creating/updating interface without MTU

Ticket: #35769

Revision 40640f97 - 10/08/2018 10:40 AM - William Grzybowski

fix(middlewared/network): reset LAG ports options/IPs

Ticket: #35769

Revision 6ad24af4 - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): MTU for LAG is configured on LAG, not ports

Ticket: #35769

Revision 83580a4f - 10/08/2018 10:40 AM - William Grzybowski

fix(gui): create Interface for every lagg member and move options to it

Ticket: #35769

Revision 1750ed03 - 10/08/2018 10:40 AM - William Grzybowski

fix(gui): do not allow to delete lagg member interfaces separately

Ticket: #35769

Revision 1acb9a - 10/08/2018 10:40 AM - William Grzybowski

feat(middlewared/network): simplify setting MTU on link aggregation

Since now Link Aggregation MTU is set in its own interface instead of ports the process is a lot simpler.

Ticket: #35769

Revision 4b550144 - 10/08/2018 10:40 AM - William Grzybowski

fix(rc): remove lagg device options from netcli/rc.conf/apidocs

Ticket: #35769

Revision 16c9323e - 10/09/2018 09:39 AM - William Grzybowski

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Revision b0af8ab3 - 10/09/2018 09:39 AM - William Grzybowski

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Ticket: #35769

Revision fcda0a09 - 10/09/2018 09:39 AM - William Grzybowski

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Ticket: #35769

Revision e70ac681 - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared): allow List to be unique

Ticket: #35769

Revision 5d1dc51a - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): validate aliases

Ticket: #35769

Revision 48263101 - 10/09/2018 09:39 AM - William Grzybowski

fix(middlewareed): derivate id from name and return instance on create

Ticket: #35769

Revision 31061099 - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewareed): implement interfaces.update

Ticket: #35769

Revision 16063696 - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewareed/network): allow only one interface for dhcp/autoconfigure

Ticket: #35769

Revision 61df3eca - 10/09/2018 09:39 AM - William Grzybowski

fix(middlewareed/network): schema name for interfaces.update errors

Ticket: #35769

Revision 989c8426 - 10/09/2018 09:39 AM - William Grzybowski

fix(gui): do not restart network when deleting models

This is already handled in forms.

Ticket: #35769

Revision e7e6b488 - 10/09/2018 09:39 AM - William Grzybowski

fix(middlewareed/network): aliases is not required

Ticket: #35769

Revision d32eed65 - 10/09/2018 09:39 AM - William Grzybowski

Show all interfaces with dhcp enabled if none is configured

Ticket: #35769

Revision 6191aeb5 - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewareed/network): allow interfaces.sync to wait DHCP

This is useful on boot where we need to wait DHCP to acquire an address before continuing.

Ticket: #35769

Revision 8ee17dfd - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): start network using middleware

Ticket: #35769

Revision 37f253c8 - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): add ability to rollback interfaces changes

Ticket: #35769

Revision 5680e7bb - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): do not require interface name on create

Ticket: #35769

Revision ec467855 - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): implement interfaces.delete

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Ticket: #35769

Revision 421f9dd8 - 10/09/2018 09:39 AM - William Grzybowski

fix(middlewared/network): vlan and lagg name validation

Ticket: #35769

Revision 91d48b45 - 10/09/2018 09:39 AM - William Grzybowski

feat(pytest): first few tests for interfaces

Ticket: #35769

Revision 1b60f2b9 - 10/09/2018 09:39 AM - William Grzybowski

fix(pytest): catch up with IPAddr changes

Ticket: #35769

Revision cfca8b15 - 10/09/2018 09:39 AM - William Grzybowski

feat(pytest): a few more unit tests for interfaces

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Ticket: #35769

Revision 12ad8dcd - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): add attribute exclusive for MTU

Ticket: #35769

Revision 8cf59868 - 10/09/2018 09:39 AM - William Grzybowski

fix(middlewared/network): avoid setting MTU in options and add unit test

Ticket: #35769

Revision 4a1c74be - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): implement interfaces.has_pending_changes

Ticket: #35769

Revision 2a1444d2 - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): do not allow VLAN MTU be bigger than parent

Ticket: #35769

Revision 9cc82c51 - 10/09/2018 09:39 AM - William Grzybowski

feat(pytest): add test for VLAN MTU bigger than parent iface

Ticket: #35769

Revision 4d63939d - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): do not allow LAG members to be changed

Aliases, MTU, DHCP/IPv6Auto are not allowed to be changed.

Ticket: #35769

Revision 8716b3c8 - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): set interface description

Ticket: #35769

Revision a9a5c5dc - 10/09/2018 09:39 AM - William Grzybowski

fix(gui): creating/updating interface without MTU

Ticket: #35769

Revision ee6e077f - 10/09/2018 09:39 AM - William Grzybowski

fix(middlewared/network): reset LAG ports options/IPs

Ticket: #35769

Revision 47ea3b4e - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): MTU for LAG is configured on LAG, not ports

Ticket: #35769

Revision 60573684 - 10/09/2018 09:39 AM - William Grzybowski

fix(gui): create Interface for every lagg member and move options to it

Ticket: #35769

Revision 9a0d9d4e - 10/09/2018 09:39 AM - William Grzybowski

fix(gui): do not allow to delete lagg member interfaces separately

Ticket: #35769

Revision 345b0d6a - 10/09/2018 09:39 AM - William Grzybowski

feat(middlewared/network): simplify setting MTU on link aggregation

Since now Link Aggregation MTU is set in its own interface instead of ports the process is a lot simpler.

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Revision 817b56c7 - 10/09/2018 09:39 AM - William Grzybowski

fix(rc): remove lagg device options from netcli/rc.conf/apidocs

Ticket: #35769

Revision 6202778d - 10/09/2018 11:08 AM - William Grzybowski

feat(middlewared/network): dhclient on all ifaces if none is configured

Ticket: #35769

Revision 30121f26 - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared): correctly handle IPAddr network and IP with CIDR

Ticket: #35769

Revision cf01f07f - 10/10/2018 07:50 AM - William Grzybowski

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Ticket: #35769

Revision 58d15e90 - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): add validation to LAG members and VLAN ifaces

Ticket: #35769

Revision 8df38b7e - 10/10/2018 07:50 AM - William Grzybowski

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Ticket: #35769

Revision bffc8c85 - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): validate aliases

Ticket: #35769

Revision ee65ce48 - 10/10/2018 07:50 AM - William Grzybowski

fix(middlewared): derivate id from name and return instance on create

Ticket: #35769

Revision 0f1ce788 - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared): implement interfaces.update

Ticket: #35769

Revision cba19146 - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): allow only one interface for dhcp/autoconfigure

Ticket: #35769

Revision bdf3ad96 - 10/10/2018 07:50 AM - William Grzybowski

fix(middlewared/network): schema name for interfaces.update errors

Ticket: #35769

Revision d7bb0bbd - 10/10/2018 07:50 AM - William Grzybowski

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Revision 57ba3981 - 10/10/2018 07:50 AM - William Grzybowski

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Revision ea888da4 - 10/10/2018 07:50 AM - William Grzybowski

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Revision c6977845 - 10/10/2018 07:50 AM - William Grzybowski

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Ticket: #35769

Revision 9d0276ea - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): start network using middleware

Ticket: #35769

Revision 8b700d3f - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): add ability to rollback interfaces changes

Ticket: #35769

Revision a0d8216d - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): do not require interface name on create

Ticket: #35769

Revision 87f9138c - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): implement interfaces.delete

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Revision e17885ae - 10/10/2018 07:50 AM - William Grzybowski

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Revision 6f941948 - 10/10/2018 07:50 AM - William Grzybowski

feat(pytest): first few tests for interfaces

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Revision a40bbe4d - 10/10/2018 07:50 AM - William Grzybowski

fix(pytest): catch up with IPAddr changes

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Revision 28e4abf6 - 10/10/2018 07:50 AM - William Grzybowski

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Ticket: #35769

Revision 8c0c98ca - 10/10/2018 07:50 AM - William Grzybowski

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Ticket: #35769

Revision ce41b4dd - 10/10/2018 07:50 AM - William Grzybowski

fix(middlewared/network): avoid setting MTU in options and add unit test

Ticket: #35769

Revision e117e5c6 - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): implement interfaces.has_pending_changes

Ticket: #35769

Revision 4e2a65db - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): do not allow VLAN MTU be bigger than parent

Ticket: #35769

Revision 19d9dd33 - 10/10/2018 07:50 AM - William Grzybowski

feat(pytest): add test for VLAN MTU bigger than parent iface

Ticket: #35769

Revision 1aa25049 - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): do not allow LAG members to be changed

Aliases, MTU, DHCP/IPv6Auto are not allowed to be changed.

Ticket: #35769

Revision b2481684 - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): set interface description

Ticket: #35769

Revision 113df3f0 - 10/10/2018 07:50 AM - William Grzybowski

fix(gui): creating/updating interface without MTU

Ticket: #35769

Revision 3a0938eb - 10/10/2018 07:50 AM - William Grzybowski

fix(middlewared/network): reset LAG ports options/IPs

Ticket: #35769

Revision feb1dd10 - 10/10/2018 07:50 AM - William Grzybowski

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Revision 8a8f46cf - 10/10/2018 07:50 AM - William Grzybowski

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Revision adc56074 - 10/10/2018 07:50 AM - William Grzybowski

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Revision b795db2b - 10/10/2018 07:50 AM - William Grzybowski

feat(middlewared/network): simplify setting MTU on link aggregation

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Revision e2d49e5e - 10/10/2018 07:50 AM - William Grzybowski

fix(rc): remove lagg device options from netcli/rc.conf/apidocs

Ticket: #35769

Revision 5d28c9ba - 10/10/2018 07:50 AM - William Grzybowski

feat(middleware/network): dhclient on all ifaces if none is configured

Ticket: #35769

Revision 63e0e6c2 - 10/11/2018 09:34 AM - William Grzybowski

fix(gui): do not allow VLAN parent interface to be deleted

Ticket: #35769

Revision f552eaad - 10/11/2018 09:35 AM - William Grzybowski

feat(api): use delete_form if available

Ticket: #35769

Revision d67f005b - 10/11/2018 10:36 AM - William Grzybowski

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Ticket: #35769

Revision a1b6aeaa - 10/11/2018 10:36 AM - William Grzybowski

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Ticket: #35769

Revision 9ff9ae03 - 10/15/2018 06:45 AM - William Grzybowski

fix(netif): fallback to rc.d network if the call fails

Suggested by @themylogin

Ticket: #35769

Revision 7c4181a6 - 10/16/2018 11:06 AM - William Grzybowski

feat(middleware/network): implement interfaces.checkin_waiting

Should tell if there are applied network changes waiting for verification.

Ticket: #35769

Revision 5e32bc27 - 10/16/2018 11:08 AM - William Grzybowski

feat(middleware/network): implement interfaces.checkin_waiting

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Revision a7d34e8c - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared): correctly handle IPAddr network and IP with CIDR

Ticket: #35769

Revision 9f381b35 - 10/16/2018 12:34 PM - William Grzybowski

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Revision 0b8597f4 - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): add validation to LAG members and VLAN ifaces

Ticket: #35769

Revision b90127cc - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared): allow List to be unique

Ticket: #35769

Revision 7ef4d710 - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): validate aliases

Ticket: #35769

Revision 35d152ab - 10/16/2018 12:34 PM - William Grzybowski

fix(middlewared): derivate id from name and return instance on create

Ticket: #35769

Revision 3978b4cb - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared): implement interfaces.update

Ticket: #35769

Revision 8fe38262 - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): allow only one interface for dhcp/autoconfigure

Ticket: #35769

Revision 2413b6e8 - 10/16/2018 12:34 PM - William Grzybowski

fix(middlewared/network): schema name for interfaces.update errors

Ticket: #35769

Revision 7dd19e5e - 10/16/2018 12:34 PM - William Grzybowski

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Revision 5b04aa9e - 10/16/2018 12:34 PM - William Grzybowski

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Ticket: #35769

Revision 22758b47 - 10/16/2018 12:34 PM - William Grzybowski

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Ticket: #35769

Revision ded2b1ea - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): allow interfaces.sync to wait DHCP

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Ticket: #35769

Revision c30a672f - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): start network using middleware

Ticket: #35769

Revision 22453c53 - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): add ability to rollback interfaces changes

Ticket: #35769

Revision 472cd068 - 10/16/2018 12:34 PM - William Grzybowski

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Ticket: #35769

Revision 210b0d3c - 10/16/2018 12:34 PM - William Grzybowski

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Revision 8494cbbc - 10/16/2018 12:34 PM - William Grzybowski

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Revision 4bff57d3 - 10/16/2018 12:34 PM - William Grzybowski

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Revision d09ec66b - 10/16/2018 12:34 PM - William Grzybowski

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Revision dd214cdf - 10/16/2018 12:34 PM - William Grzybowski

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Revision bea9d0c3 - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): add attribute exclusive for MTU

Ticket: #35769

Revision 21c4e6f4 - 10/16/2018 12:34 PM - William Grzybowski

fix(middlewared/network): avoid setting MTU in options and add unit test

Ticket: #35769

Revision 89f1e5b9 - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): implement interfaces.has_pending_changes

Ticket: #35769

Revision e66cb8ba - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): do not allow VLAN MTU be bigger than parent

Ticket: #35769

Revision 4e6c35b4 - 10/16/2018 12:34 PM - William Grzybowski

feat(pytest): add test for VLAN MTU bigger than parent iface

Ticket: #35769

Revision 490e04ea - 10/16/2018 12:34 PM - William Grzybowski

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Ticket: #35769

Revision ae064b06 - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): set interface description

Ticket: #35769

Revision 2b16d88f - 10/16/2018 12:34 PM - William Grzybowski

fix(gui): creating/updating interface without MTU

Ticket: #35769

Revision 25aa4eb5 - 10/16/2018 12:34 PM - William Grzybowski

fix(middlewared/network): reset LAG ports options/IPs

Ticket: #35769

Revision 8fcf6663 - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): MTU for LAG is configured on LAG, not ports

Ticket: #35769

Revision 4b32df3d - 10/16/2018 12:34 PM - William Grzybowski

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Revision 00603610 - 10/16/2018 12:34 PM - William Grzybowski

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Revision 06fe7da0 - 10/16/2018 12:34 PM - William Grzybowski

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Revision 6ccfd7af - 10/16/2018 12:34 PM - William Grzybowski

fix(rc): remove lagg device options from netcli/rc.conf/apidocs

Ticket: #35769

Revision 53a9d128 - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): dhclient on all ifaces if none is configured

Ticket: #35769

Revision 6f74563d - 10/16/2018 12:34 PM - William Grzybowski

fix(gui): do not allow VLAN parent interface to be deleted

Ticket: #35769

Revision 6c616dfd - 10/16/2018 12:34 PM - William Grzybowski

feat(api): use delete_form if available

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Revision baaee6ba - 10/16/2018 12:34 PM - William Grzybowski

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Revision 00d7fd44 - 10/16/2018 12:34 PM - William Grzybowski

feat(middlewared/network): implement interfaces.checkin_waiting

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Ticket: #35769

Revision bb28d359 - 08/16/2019 09:32 AM - William Grzybowski

feat(api): use delete_form if available

Ticket: #35769

History

#1 - 06/25/2018 10:37 AM - William Grzybowski

- Status changed from *Unscreened* to *Screened*

#2 - 07/31/2018 12:05 PM - Bug Clerk

- Status changed from *Screened* to *In Progress*

#3 - 10/11/2018 10:04 AM - William Grzybowski

- Parent task set to #50841

#4 - 10/16/2018 12:34 PM - Bug Clerk

- Status changed from *In Progress* to *Ready for Testing*

PR: <https://github.com/freenas/freenas/pull/1613>

#5 - 10/16/2018 12:38 PM - William Grzybowski

- Description updated

#7 - 01/02/2019 12:27 PM - Dru Lavigne

- Subject changed from *Set of APIs to manage network interfaces* to *Add set of APIs to manage network interfaces*

#8 - 01/21/2019 11:01 AM - Dru Lavigne

- Target version changed from *11.3* to *11.3-BETA1*

#10 - 02/12/2019 12:48 PM - Erin Clark

- Copied to Feature #74902: Update network interface screens with latest capabilities in new UI added

#11 - 02/25/2019 11:01 AM - William Grzybowski

- Status changed from *Ready for Testing* to *Passed Testing*

- Needs QA changed from *Yes* to *No*

- Needs Doc changed from *Yes* to *No*

This will only be testable in new UI (related ticket)

#12 - 02/25/2019 02:21 PM - Dru Lavigne

- Status changed from *Passed Testing* to *Done*

#13 - 04/02/2019 07:57 AM - Dru Lavigne

- Related to Feature #34294: Add ability to stage network config changes prior to application in a batch added

#14 - 04/02/2019 08:21 AM - Dru Lavigne

- Target version changed from 11.3-BETA1 to 11.3-ALPHA1