NetVirt:Carbon:Release Plan

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Introduction

NetVirt Project Wiki

Release Deliverables

Name	Description
Code Quality Improvements	Increase UT, IT and CSIT coverage
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L2 BGP VPN	L2 BGP VPN
ECMP for BGP L3VPN	ECMP for BGP L3VPN
SR-IOV	SR-IOV
SNAT	Decentralized, OVS NAT-based
IPv6	East-west
Containers	Support the ODL CNI project
TaaS, LBaaS	TaaS, LBaaS
Transparent VLANs	Transparent VLANs
VLAN-Aware VMs	VLAN-Aware VMs
SFC Integration	SFC Integration
QoS Enhancements	QoS Enhancements

Release Milestones

Milestone	Offset X Date	Deliverables	
M1	11/3/2016	**Name**	**Description**
		Release Plan	Candidate Release Plan
M2	12/8/2016	**Name**	**Description**
		Release Plan	Final Release Plan

M3	2/2/2017	Name	Description
		Feature Freeze	
		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.

M4	3/2/2017	Name	Description
		API Freeze	
		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.

M5	3/30/2017	Name	Description
		Code Freeze	
		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.

RC0	4/13/2017	Name	Description
		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.

RC1	4/20/2017	Name	Description
		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.

RC2	4/27/2017	Name	Description
		Release Review	Release Review Description
		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.

RC3	5/4//2017	Name	Description
		Release Review	Release Review Description
		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.

Formal Release	5/11/2017	Name	Description
		Deliverable Name	Deliverable Description

Externally Consumable APIs

Expected Dependencies on Other Projects

Providing Project	Deliverable Name	Needed By	Acknowledged?	Description
controller	features	M3	No	basic controller features
mdsal	features	M3	No	mdsal features
neutron	features	M3	No	neutron CRUD
odlparent	features	M3	No	odlparent values
openflowplugin	features	M3	No	flow programming and extensions
ovsdb	features	M3	No	ovsdb southbound
SFC	features	M3	No	sfc building
yangtools	features	M3	No	yangtools for compiling yang
genius	features	M3	No	ifmgr, idmanager, mdsalutils

Expected Incompatibilities with Other Projects

NetVirt is considered incompatible with applications that program the flow tables on vSwitches. This includes:

- GBP
- VTN

These projects have not held discussions as to how to become compatible because they each provide their own solution to the same problem.

Compatibility with Previous Releases

- None intrinsic to distribution, projects delivered may have their own.

Themes and Priorities

- Increasing code quality with increased UT, IT and CSIT coverage.
- Adding more Network Virtualization use cases: L2 BGP VPN, FWaaS, VPNaaS, LBaaS, de-centralized SNAT

Requests from Other Projects

None

Test Tools Requirements

None

Other