NetVirt: Nitrogen: Release Plan

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Introduction

NetVirt Project Wiki

Release Deliverables

Name	Description
Code Quality Improvements	Increase UT, IT and CSIT coverage
Code Quality Improvements	Performance and Scale
High Availability	High Availability
L2 BGP VPN	L2 BGP VPN
Dual Stack	Dual Stack
Neutron DHCP	Neutron DHCP
QoS Updates	QoS Updates
Containers	Support the ODL CNI project
SFC Integration	SFC Integration

Release Milestones

Milestone	Offset 2 Date	Deliverables		
M1	06/21/2017	**Name**	**Description**	
		Release Plan	Candidate Release Plan	
M2	07/14/2017	**Name**	**Description**	
		Release Plan	Final Release Plan	
M3	07/14/2017	**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.	

		Name	Description
M4	07/14/2017	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	08/14/2017	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	08/14/2017	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	08/21/2017	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	08/28/2017	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	09/03/2017	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	09/07/2017	Formal Release	Formal Release
SR1	10/07/2017	Service Release	Service Release
SR2	12/07/2017	Service Release	Service Release
SR3	2/07/2018	Service Release	Service Release
SR4	3/21/18 - 5/7/17	Service Release	Service Release

Externally Consumable APIs

- None

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.
- Increasing scalability, performance and high-availability

Requests from Other Projects

None

Test Tools Requirements

None

Other