

# ICN R3 Timeline

## Goals

- Distributed Cloud Manager
- SD-eWAN Controller
- Openness Integration in ICN
- SFC in OVN4NFV
- ICN Readiness
- ICN Maturity

## Timelines

Start Date	Release	Sprint	Notes
Jan 15th	v0.3.1	Sprint9 Sprint10 Sprint11	<ul style="list-style-type: none"><li>• ICN bugs</li><li>• KUD Bugs - OVN, SRIOV, networking</li><li>• KUD reset/scaling</li><li>• KUD Deliverables - QAT, CMK</li><li>• BPA operator reset, scaling</li><li>• Virtlet Remote access</li><li>• DCM - API, Design and architecture lighting talk. Phase 1 deliverables</li><li>• SDWAN - API. Design and architecture lighting talk, Phase 1 deliverables</li><li>• Openness, Design and architecture lighting talk, Phase 1 deliverables</li><li>• KUD Updates lighting talk, Phase 1 deliverables</li><li>• Akraino Maturity Lighting talk &amp; plans</li><li>• lab setup</li></ul>
Feb 26th	v0.3.2	Sprint12 Sprint13 Sprint14	<ul style="list-style-type: none"><li>• DCM, Phase 2 deliverables</li><li>• SDWAN, Phase 2 deliverables</li><li>• Openness, Phase 2 deliverables</li><li>• KUD, Phase 2 deliverables</li><li>• Akraino Maturity, CI/CD updates - Phase 1 deliverable</li></ul>
April 1st	v0.3.2	Sprint15- April 1st Sprint16 - April 15th Sprint17 - April 29th	<ul style="list-style-type: none"><li>• DCM, Phase 3 deliverables</li><li>• SDWAN, Phase 3 deliverables</li><li>• Openness, Phase 3 deliverables</li><li>• KUD, Phase 3 deliverables</li><li>• Akraino Maturity, Blue Val, CI/CD - Phase 2 deliverable</li></ul>
April 30th	v0.3.3		<ul style="list-style-type: none"><li>• DCM, Final deliverables</li><li>• SDWAN, Final deliverables</li><li>• Openness, Final deliverables</li><li>• Infra Global controller, Final deliverables</li><li>• KUD, Final deliverables</li><li>• Akraino Maturity, Blue Val CI/CD - Final deliverable</li></ul>

	Release /Tag	Features	Plan/Status Tracking (Please update your JIRAs and note any issues/road blocks with date stamp)
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Jan 15th	v0.3.1		Itohan Ukpomwan																																															
<ul style="list-style-type: none"> <li>Todo</li> </ul> <table border="1"> <thead> <tr> <th>Epic</th><th>JIRA Story</th><th>Sprint/Estimated Completion Date</th><th>Status/Actual Completion Date</th><th>Notes</th></tr> </thead> <tbody> <tr> <td><a href="#">ICN-214</a> - DCM dev works <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td><a href="#">ICN-230</a> - Install 2 Istio control planes in one cluster <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 10</td><td>Sprint 11</td><td></td></tr> <tr> <td><a href="#">ICN-214</a> - DCM dev works <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td><a href="#">ICN-199</a> - Ramp up DCM <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 10</td><td>Sprint 11</td><td></td></tr> <tr> <td><a href="#">ICN-3</a> - Binary provisioning Agent controller <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span></td><td><a href="#">ICN-173</a> - BPA controller to throw error if the same hosts in multiple provisioning CR <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 9</td><td>Sprint 10</td><td></td></tr> <tr> <td></td><td><a href="#">ICN-266</a> - Modify Istio to use different suffix <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span></td><td>Sprint 13</td><td>Sprint 14</td><td></td></tr> <tr> <td></td><td><a href="#">ICN-282</a> - Write DCM code to read from database <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 13</td><td>Sprint 14</td><td></td></tr> <tr> <td></td><td><a href="#">ICN-294</a> - Ramp Up on Mongo DB GO API <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 13</td><td>Sprint 13</td><td></td></tr> <tr> <td></td><td><a href="#">ICN-300</a> - Ramp up on Resource Synchronizer Library <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 14</td><td>Sprint 14</td><td></td></tr> <tr> <td></td><td><a href="#">ICN-325</a> - Install istio on multiple namespaces <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span></td><td>Sprint 14</td><td></td><td></td></tr> <tr> <td></td><td><a href="#">ICN-326</a> - Figure out how to create user using ONAP4k8s resource sync <span style="border: 1px solid #ccc; padding: 2px;">TO DO</span></td><td>Sprint 14</td><td></td><td></td></tr> </tbody> </table>	Epic	JIRA Story	Sprint/Estimated Completion Date	Status/Actual Completion Date	Notes	<a href="#">ICN-214</a> - DCM dev works <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	<a href="#">ICN-230</a> - Install 2 Istio control planes in one cluster <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 10	Sprint 11		<a href="#">ICN-214</a> - DCM dev works <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	<a href="#">ICN-199</a> - Ramp up DCM <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 10	Sprint 11		<a href="#">ICN-3</a> - Binary provisioning Agent controller <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#">ICN-173</a> - BPA controller to throw error if the same hosts in multiple provisioning CR <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 9	Sprint 10			<a href="#">ICN-266</a> - Modify Istio to use different suffix <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Sprint 13	Sprint 14			<a href="#">ICN-282</a> - Write DCM code to read from database <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 13	Sprint 14			<a href="#">ICN-294</a> - Ramp Up on Mongo DB GO API <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 13	Sprint 13			<a href="#">ICN-300</a> - Ramp up on Resource Synchronizer Library <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 14	Sprint 14			<a href="#">ICN-325</a> - Install istio on multiple namespaces <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Sprint 14				<a href="#">ICN-326</a> - Figure out how to create user using ONAP4k8s resource sync <span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	Sprint 14		
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		<b>ICN-380</b> - Install Istio for replicated control planes <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 20		Istio
		<b>ICN-381</b> - Test forwarding traffic to custom suffix <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 20		Istio
		<b>ICN-382</b> - Design+document APIs for Service Mesh deployment controller <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 20		Istio
		<b>ICN-383</b> - Evaluate "Kubeconfig API (WORK IN PROGRESS)" <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 20		Istio
		<b>ICN-384</b> - Evaluate apply.go implementation <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 20		Istio
		<b>ICN-385</b> - Create Namespace in all clusters <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 21+		Istio
		<b>ICN-386</b> - Create User in all clusters <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 21+		Istio
		<b>ICN-387</b> - Create Quota in all clusters <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 22+		Istio
		<b>ICN-388</b> - Create Service mesh in all clusters <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 22+		Istio
	<b>ICN-1</b> - Metal3 Baremetal Operator in ICN Stack <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<b>ICN-363</b> - Review Rama's ICN patches <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 18	Sprint 18	
	<b>ICN-217</b> - KuD R3 Release works <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<b>ICN-379</b> - ECMO V2 Integration in ICN R3 Release version <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 19	Sprint 19	
	<b>ICN-366</b> - ICN Bluval compliance for R3 <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	<b>ICN-342</b> - Test run of ICN Bluval <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 16	Sprint 16	
		<b>ICN-363</b> - Deploy Jenkins ICN <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 16	Sprint 16	
		<b>ICN-345</b> - Configure Jenkins for ICN Bluval <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 16	Sprint 16	
		<b>ICN-346</b> - Implement changes for ICN Bluval private Jenkins <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 16	Sprint 16	
		<b>ICN-347</b> - Remove ICN Bluval ci-management dependency <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 17	Sprint 17	
		<b>ICN-348</b> - Investigate missing OS Bluval testing <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 17	Sprint 17	
		<b>ICN-360</b> - Seek solution for k8s conformance Bluval failure <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 17	Sprint 17	
		<b>ICN-367</b> - Investigate kubehunter failures <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 17	Sprint 17	
		<b>ICN-360</b> - Jenkins Bluval: always fresh-install KUD cluster <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 18	Sprint 19	
		<b>ICN-361</b> - Test Randy's remediations for kubehunter <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 18	Sprint 18	
		<b>ICN-362</b> - Write ICN Bluval wiki page <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 18	Sprint 18	
		<b>ICN-364</b> - Jenkins job configurations for long-term Bluval <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 18	Sprint 19	
		<b>ICN-370</b> - Prepare final report for security SC <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 19	Sprint 19	

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		<p><b>Tingjie Chen</b></p> <p>Persistent Memory Container Storage Interface (PMEM-CSI)</p> <ul style="list-style-type: none"> <li>• Investigate the setup for PMEM-CSI demo</li> <li>• Setup and Build Plugin for Optane PM</li> <li>• Architecture and Use case design for PMEM</li> </ul> <table border="1"> <thead> <tr> <th>Epic</th><th>JIRA Story</th><th>Sprint /Estimated Completion Date</th><th>Status /Actual Completion Date</th><th>Notes</th></tr> </thead> <tbody> <tr> <td> <a href="#">ICN-243</a> - Persistent Memory Container Storage Interface (PMEM-CSI) <span style="border: 1px solid #ccc; padding: 2px;">TO DO</span></td><td> <a href="#">ICN-244</a> - Investigate the setup for PMEM-CSI demo <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 10</td><td></td><td></td></tr> <tr> <td></td><td> <a href="#">ICN-267</a> - Setup and Build Device Plugin for Optane PM <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 13</td><td></td><td>Submit draft patch for enabling PMEM-CSI plugin in KUD repo.</td></tr> <tr> <td></td><td> <a href="#">ICN-268</a> - Architecture and Use case Design for Optane PM <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 13</td><td></td><td>Proposed several scenarios for AEP and CSI usage for ICN, need the discussion and approval.</td></tr> <tr> <td></td><td> <a href="#">ICN-324</a> - E2E support for PMEM-CSI plugin <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 15</td><td></td><td>E2E support for PMEM-CSI plugin</td></tr> <tr> <td></td><td> <a href="#">ICN-335</a> - Documentation for AEP and PMEM-CSI plugin <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 15</td><td></td><td>Documentation for AEP and PMEM-CSI plugin</td></tr> </tbody> </table>	Epic	JIRA Story	Sprint /Estimated Completion Date	Status /Actual Completion Date	Notes	<a href="#">ICN-243</a> - Persistent Memory Container Storage Interface (PMEM-CSI) <span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	<a href="#">ICN-244</a> - Investigate the setup for PMEM-CSI demo <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 10				<a href="#">ICN-267</a> - Setup and Build Device Plugin for Optane PM <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 13		Submit draft patch for enabling PMEM-CSI plugin in KUD repo.		<a href="#">ICN-268</a> - Architecture and Use case Design for Optane PM <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 13		Proposed several scenarios for AEP and CSI usage for ICN, need the discussion and approval.		<a href="#">ICN-324</a> - E2E support for PMEM-CSI plugin <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 15		E2E support for PMEM-CSI plugin		<a href="#">ICN-335</a> - Documentation for AEP and PMEM-CSI plugin <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 15		Documentation for AEP and PMEM-CSI plugin
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Huifeng Le					
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	<p><b>ICN-190</b> - E2E usages for SDWAN module in ICN to support multiple cluster communication through security WAN interfaces</p> <p><b>TO DO</b></p>	<p><input checked="" type="checkbox"/> <b>ICN-211</b> - MWAN3 Restful API</p> <p><b>DONE</b></p>	Sprint 9	Sprint 9	
		<p><input checked="" type="checkbox"/> <b>ICN-224</b> - EWAN Restful API POC</p> <p><b>DONE</b></p>	Sprint 10	Sprint 10	
		<p><input checked="" type="checkbox"/> <b>ICN-222</b> - EWAN Restful API Go Client POC</p> <p><b>DONE</b></p>	Sprint 10	Sprint 10	
		<p><input checked="" type="checkbox"/> <b>ICN-236</b> - EWAN Service Restful API</p> <p><b>DONE</b></p>	Sprint 10	Sprint10	
		<p><input checked="" type="checkbox"/> <b>ICN-274</b> - EWAN MWAN3 API implementation</p> <p><b>DONE</b></p>	Sprint 11	Sprint 11	
		<p><input checked="" type="checkbox"/> <b>ICN-272</b> - EWAN Firewall API definition</p> <p><b>DONE</b></p>	Sprint 12	Sprint 12	
		<p><input checked="" type="checkbox"/> <b>ICN-273</b> - EWAN Firewall API implementation</p> <p><b>DONE</b></p>	Sprint 13	Sprint 13	
		<p><input checked="" type="checkbox"/> <b>ICN-304</b> - EWAN Firewall CRD/Rest API integration</p> <p><b>DONE</b></p>	Sprint 13		postpone to R3.1
		<p><input checked="" type="checkbox"/> <b>ICN-343</b> - PoC for integration scenario</p> <p><b>DONE</b></p>	Sprint15	Sprint15	
		<p><input checked="" type="checkbox"/> <b>ICN-344</b> - SDEWAN E2E test scenario integration</p> <p><b>DONE</b></p>	Sprint16	Sprint17	
		<p><input checked="" type="checkbox"/> <b>ICN-372</b> - SDEWAN Central Controller /Traffic Hub design</p> <p><b>DONE</b></p>	Sprint21		
		<p><input checked="" type="checkbox"/> <b>ICN-394</b> - SDEWAN Central Controller: POC for golang Restful API Server</p> <p><b>DONE</b></p>	Sprint21		

		<ul style="list-style-type: none"> <li>• ICN R3 Deliverables</li> </ul> <p>Kuralamudhan Ramakrishnan</p>	<ul style="list-style-type: none"> <li>All bug fixed for ICN R2 and customer readiness</li> <li>DCM, SD-eWAN, Openness in ICN R3 release</li> <li>Offline deployment &amp; Global controller completion in R3</li> <li>Launch &amp; Performance Dashboard</li> <li>CI/CD system &amp; ICN maturity</li> </ul>	
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<a href="#"> ICN-61 - ICN CI / CD works</a> <span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	<a href="#"> ICN-178 - ICN SDL works</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 9	Sprint 9	
<a href="#"> ICN-1 - Metal3 Baremetal Operator in ICN Stack</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-193 - Metal3 Refactoring &amp; ICN R2 bug Fixes - OS and user data</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 9	Sprint 11	
<a href="#"> ICN-244 - DCM dev works</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	<a href="#"> ICN-192 - DCM lighting talk - API &amp; Design development</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 9	Sprint 9	
<a href="#"> ICN-191 - Integration OpenNESS with ICN</a> <span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	<a href="#"> ICN-194 - Openness &amp; SDWAN Lighting talks - API &amp; design prep</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 9	Sprint 9	
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-228 - Ramp up on OVN4NFV and running the patches</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 11	Sprint 11	
<a href="#"> ICN-238 - Ramp up on OVN4NFV and running the patches</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	<a href="#"> ICN-257 - ICN script updates</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 11	Sprint 11	
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-259 - OVN containerization</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 12	Sprint 12	
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-263 - Adding OVN4K8s in Kubespray</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 14/15/16/17	Sprint 17	
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-264 - Making OVN4NFV as the primary network</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 12/13	Sprint 13	
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-293 - Refactoring OVN coding for OVN containerization daemonset</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 13/14	Sprint 13/14	
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-311 - Introducing Provider Network Direct type</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 14	Sprint 14	
<a href="#"> ICN-1 - Metal3 Baremetal Operator in ICN Stack</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-324 - Bug fixes &amp; Testing for ICN Baremetal Operator version</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 14	Sprint 14	
<a href="#"> ICN-1 - Metal3 Baremetal Operator in ICN Stack</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-349 - Fix the ICN baremetal operator version</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 14	Sprint 14	
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-322 - Bug fixes for the OVN4NFV-K8s plugin primary routing issues</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 15	Sprint 15	
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-346 - Akraino ICN installation issue on baremetal server #ICN</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 15	Sprint 15	
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-330 - CNI Server development in ONAP4K8s</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 16	Sprint 16	
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-334 - CNI shim development in ONAP4K8s</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 16	Sprint 16	
<a href="#"> ICN-189 - ICN CI/CD</a> <span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	<a href="#"> ICN-264 - ICN BM and VM installer script improvement</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 17	Sprint 17	
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-343 - Post review patches for OVN4NFV</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 20/21		
<a href="#"> ICN-189 - ICN CI/CD</a> <span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	<a href="#"> ICN-348 - Documentation and patch review for ICN Release</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 18/19/20		
<a href="#"> ICN-236 - OVN4K8SNFV development work</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#"> ICN-359 - Post review for Kubespray</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 20/21		
<a href="#"> ICN-189 - ICN CI/CD</a> <span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	<a href="#"> ICN-359 - Code review and CI/CD Testing</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 18/19	Sprint 19	

		<p>ramamani yeleswarapu</p> <ul style="list-style-type: none"> <li>Todo</li> </ul> <table border="1"> <thead> <tr> <th>Epic</th><th>JIRA Story</th><th>Sprint/Estimated Completion Date</th><th>Status/Actual Completion Date</th><th>Notes</th></tr> </thead> <tbody> <tr> <td><b>ICN-1</b> - Metal3 Baremetal Operator in ICN Stack <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span></td><td><b>ICN-225</b> - Nested K8s remote access use case <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span></td><td>Sprint 12</td><td></td><td></td></tr> <tr> <td></td><td><b>ICN-264</b> - Create and test end-to-end verifier script for virtlet remote access use case <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 12</td><td>Sprint 12</td><td></td></tr> <tr> <td></td><td><b>ICN-262</b> - Create new ansible playbook for bpa in KuD for remote access use case <span style="border: 1px solid #ccc; padding: 2px;">DONE</span></td><td>Sprint 12</td><td>Sprint 12</td><td></td></tr> <tr> <td></td><td><b>ICN-291</b> - KUD patches for nestedk8s <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span></td><td>Sprint 14</td><td></td><td></td></tr> <tr> <td></td><td><b>ICN-292</b> - ICN patch for nestedk8s changes <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span></td><td>Sprint 14</td><td></td><td></td></tr> </tbody> </table>	Epic	JIRA Story	Sprint/Estimated Completion Date	Status/Actual Completion Date	Notes	<b>ICN-1</b> - Metal3 Baremetal Operator in ICN Stack <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<b>ICN-225</b> - Nested K8s remote access use case <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Sprint 12				<b>ICN-264</b> - Create and test end-to-end verifier script for virtlet remote access use case <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 12	Sprint 12			<b>ICN-262</b> - Create new ansible playbook for bpa in KuD for remote access use case <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 12	Sprint 12			<b>ICN-291</b> - KUD patches for nestedk8s <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Sprint 14				<b>ICN-292</b> - ICN patch for nestedk8s changes <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Sprint 14																																															
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Akhila Kishore					
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Epic	JIRA Story	Sprint/Estimated Completion Date	Status/Actual Completion Date	Notes	
<a href="#"> ICN-217 - KuD R3 Release works</a> IN PROGRESS	<a href="#"> ICN-223 - KuD Clean up Script</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 10			
	<a href="#"> ICN-227 - KuD lighting talk presentation</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 11			
	<a href="#"> ICN-180 - Integrate QAT device plugin to KuD add-ons.</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 11/12			

Le Yao					
<ul style="list-style-type: none"> <li>◦ Todo</li> </ul>					
Epic	JIRA Story	Sprint/Estimated Completion Date	Status/Actual Completion Date	Notes	
<a href="#"> ICN-217 - KuD R3 Release works</a> <small>IN PROGRESS</small>	<a href="#"> ICN-260 - KUD Multi Vagrant 18.04 issue</a> <small>DONE</small>	Sprint 11/12/14/15	Sprint 15		
	<a href="#"> ICN-284 - Vagrant vm can not get correct name server in ubuntu-1804.</a> <small>DONE</small>	Sprint 11	Sprint 11		
	<a href="#"> ICN-285 - Installer vm cannot install nfs because of nameserver issues.</a> <small>DONE</small>	Sprint 12/14/15	Sprint 15		
	<a href="#"> ICN-286 - All other VMs are unreachable for Installer VM</a> <small>DONE</small>	Sprint 12	Sprint 12		
	<a href="#"> ICN-303 - Compute01 no spcae left in KUD Multi Vagrant</a> <small>DONE</small>	Sprint 12	Sprint 12		
	<a href="#"> ICN-316 - Vagrant Box Build with base Ubuntu-18.04 for ICN</a> <small>DONE</small>	Sprint 13	Sprint 13		
	<a href="#"> ICN-308 - Upgrade the Kubespray 2.12 for KUD</a> <small>DONE</small>	Sprint 16/17/18/19	Sprint 19		
	<a href="#"> ICN-327 - criproxy failed to start up after node reboot</a> <small>DONE</small>	Sprint 16/17	Sprint 17		
	<a href="#"> ICN-336 - Vagrant Virtlet testing not working in proxy testings</a> <small>DONE</small>	Sprint 16	Sprint 16		
	<a href="#"> ICN-337 - QAT device plugin deploy issue</a> <small>DONE</small>	Sprint 18/19/20	Sprint 20		
	<a href="#"> ICN-367 - KUD CI Folder installer</a> <small>DONE</small>	Sprint 18/19	Sprint 19		
	<a href="#"> ICN-377 - Catch the cnf Pod no IP error</a> <small>DONE</small>	Sprint 19	Sprint 19		
	<a href="#"> ICN-378 - Add watch function for cnf deployment and CR</a> <small>DONE</small>	Sprint 19	Sprint 19		
	<a href="#"> ICN-380 - Apply watch to all controllers and test</a> <small>DONE</small>	Sprint 19	Sprint 19		
	<a href="#"> ICN-364 - Fix ICN node reboot issue for the containerized version</a> <small>DONE</small>	Sprint 19/20			
	<a href="#"> ICN-393 - Create CNF helm chart</a> <small>DONE</small>	Sprint 20			
	<a href="#"> ICN-394 - Create helm chart for ICN SDEWAN controller</a> <small>DONE</small>	Sprint 20			

  

Liang Ding					
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Epic	JIRA Story	Sprint/Estimated Completion Date	Status/Actual Completion Date	Notes	
<a href="#"> ICN-296 - add CMK support in multicloud/k8s KuD</a> <small>IN PROGRESS</small>					

  

Epic	JIRA Story	Sprint/Estimated Completion Date	Status/Actual Completion Date	Notes
<a href="#"> ICN-217 - KuD R3 Release works</a> <small>IN PROGRESS</small>	<a href="#"> ICN-296 - add CMK support in multicloud/k8s KuD</a> <small>IN PROGRESS</small>			

Ruoyu Ying				
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<a href="#">ICN-190</a> - E2E usages for SDWAN module in ICN to support multiple cluster communication through security WAN interfaces <span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	<a href="#">ICN-242</a> - Investigate IPsec implementation in strongswan <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 11/12		
	<a href="#">ICN-275</a> - IPsec CRD Design <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 11/12	Sprint 11	
	<a href="#">ICN-276</a> - IPsec RESTful API Design <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 11/12	Sprint 11	
	<a href="#">ICN-280</a> - IPsec CRD and REST API implementation <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 18	Sprint 18	
	<input checked="" type="checkbox"/> <a href="#">ICN-343</a> - PoC for integration scenario <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 15	Sprint 15	
	<a href="#">ICN-344</a> - SDEWAN E2E test scenario integration <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 16	Sprint 17	
	<a href="#">ICN-390</a> - SDEWAN end-to-end scenario with CRD & controller <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 19	Sprint 19	
	<a href="#">ICN-376</a> - Enable end-to-end test scenario in bare-metal <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 20/21		
	<input checked="" type="checkbox"/> <a href="#">ICN-373</a> - SDEWAN CNF: enable VTI router based IPsec <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 21/22		
	<a href="#">ICN-444</a> - Demos to showcase sdewan functionalities <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 23/24	Sprint 23	
	<a href="#">ICN-451</a> - Investigation on BGP /OSPF support <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Sprint 26/27		

  

Matt Welch				
<ul style="list-style-type: none"> <li>◦ EdgeX Foundry install with KUD and demo</li> </ul>				
Epic	JIRA Story	Sprint/Estimated Completion Date	Status/Actual Completion Date	Notes
<a href="#">ICN-239</a> - Install EdgeX Foundry using KUD, with tests and usage demo <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	<a href="#">ICN-229</a> - Create test to verify edgeX foundry services <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 14	Sprint 14	
	<a href="#">ICN-237</a> - Create demo for EdgeX Foundry <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Sprint 14		
	<a href="#">ICN-304</a> - Convert EdgeX docker compose files into K8s deployments <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Sprint 14		
	<a href="#">ICN-324</a> - Document EdgeXFoundry docker-compose process in Wiki <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Sprint 14		

Chenjie Xu					
	Epic	Story	Sprint/Estimated Completion Date	Status/Actual Completion Date	Notes
	<a href="#"> ICN-191 - Integration OpenNESS with ICN</a> <span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	<input checked="" type="checkbox"/> <a href="#">ICN-243 - OpenNESS gap for Network Policy</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 9	Sprint 9	
		<input checked="" type="checkbox"/> <a href="#">ICN-232 - OpenNESS gap for OS (Ubuntu)</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 10	Sprint 10	
		<input checked="" type="checkbox"/> <a href="#">ICN-233 - OpenNESS gap for Cross-Node communication</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 10	Sprint 10	
		<input checked="" type="checkbox"/> <a href="#">ICN-245 - OpenNESS gap for DNS</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 10	Sprint 10	
		<input checked="" type="checkbox"/> <a href="#">ICN-246 - OpenNESS gap for Security</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 10	Sprint 17	
		<input checked="" type="checkbox"/> <a href="#">ICN-278 - Investigate Openness integration for multus, sriov, nfd, bios, ipga, cmk, topology manager</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 12	Sprint 12	
	<a href="#"> ICN-277 - Openness_deployer PR in ICN tool folder</a>	<input checked="" type="checkbox"/> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 12	Sprint 17	
		<input checked="" type="checkbox"/> <a href="#">ICN-297 - Develop test cases for multus, sriov cnf, sriov network device plugin, nfd, CMK, topology manager</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 12/13	Sprint 17	
		<input checked="" type="checkbox"/> <a href="#">ICN-298 - Integrate eaa via onap4k8s</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 12/13	Sprint 17	
		<input checked="" type="checkbox"/> <a href="#">ICN-332 - Ensure that EAA supports distributed applications</a> <span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	Sprint 15/16	Sprint 17	
		<input checked="" type="checkbox"/> <a href="#">ICN-333 - Investigate OpenNESS 20.03</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Sprint 16		
		<input checked="" type="checkbox"/> <a href="#">ICN-340 - Integrate Topology Manager</a> <span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Sprint 16		