

GOOFY ALPHA + BETA ROADMAP				ALPHA: 07.03 - 06.06			
				BETA: 13.06 - 26.09			
No.	Domain	Feature/deliverable	GitLab	Completion		Release	Team assigned
				W27	W28 (current)		
1	KERNELS	Linux 5.1x LTS	Linux kernel LTS version	0%		BETA	Systems
2		Zephyr LTS	Zephyr kernel LTS version	0%		BETA	Systems
3	OTA	System OTA Linux	System OTA - Linux target	34%		BETA	OTA
4		System OTA Zephyr	Hawkbit Zephyr client	17%		BETA	OTA
5		System OTA end-to-end including cloud backend	OTA Cloud Backend Integration	63%		BETA	OTA
6	TOOLCHAINS	LLVM	Toolchain LTS version	74%		BETA	Toolchain
7			Toolchain LLVM Integration	62%		BETA	Toolchain
8			Toolchain LLVM CI Integration	31%		BETA	Toolchain
9		GCC	Toolchain LTS version	74%		BETA	Testing
10			Toolchain GCC Integration	76%		BETA	Toolchain
11			Toolchain GCC CI Integration	100%		BETA	Testing
12	CONTAINERS	Container management engine (runtime and orchestration)	Container orchestration on Oniro	0		BETA	Systems
13			Container management engine to deliver applications in Oniro	0		BETA	Systems
14			TBD Container orchestration on Oniro	0%		BETA	Systems
15	APPLICATION FRAMEWORK	Flutter for Linux	Oniro Blueprint Flutter : Quick Start Guide	100%		BETA	HW Enablement (Seco), Technical Marketing
16		ACE	TBA	NA		BETA	TBA
17		LVGL v8 for Zephyr	Port LVGLv8 to zephyr 3.0	100%		ALPHA	Blueprints
18	NETWORKING	RS485, Modbus RTU and TCP	RS485, Modbus RTU and TCP support	75%		BETA	Networking
19		Cellular (3G/4G/5G)	Cellular support (3G/4G/5G) enablement	43%		BETA	Networking
20		OpenThread 1.2	OpenThread update to support Thread 1.2	35%		BETA	Networking
21		Gateway out of the box IPv6 experience	Gateway out of the box IPv6 experience	0%		BETA	Networking
22		Matter for Linux	Matter network protocol support for Linux	16%		BETA	Networking
23			Research and Document the Project Matter specification version Goofy will be compatible with	100%		ALPHA	Networking
24	REFERENCE HARDWARE	Seco SBC C61 - NXP i.MX8M Mini - Linux	SECO ASTRID (SBC-C61) - Linux	80%		BETA	HW Enablement (Seco)
25		Seco SBC B68 - Intel Atom - Linux	SECO ALVIN - SBC-B68 - Linux	100%		ALPHA	HW Enablement (Seco)
26		Seco D23 - Rockchip - Linux and Zephyr	SECO JUNO (SBC-D23) - Linux and Zephyr	0%		BETA	HW Enablement (Seco)
27		Arduino Nano BLE - Zephyr	Arduino Nano BLE - Zephyr	0%		BETA	Systems
28		RPi 3/4 - Linux	Raspberry Pi 3/4 - Linux	0%		BETA	Systems
29		QEMU for Intel, ARM - Linux, Zephyr	QEMU targets	0%		BETA	Systems
30		Other Yocto boards	TBA	NA		BETA	TBA
31	CATS (Context Aware Touch Screen)	Smart Panel v2 (CATS)	48%		BETA	Blueprints	
32		Smart Panel v2 (CATS) Integration	0%		BETA	Blueprints	

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33	BLUEPRINTS	Gesture and Midi Device	Gesture and Voice Input Midi Device	90%		BETA	Blueprints
34		Transparent Gateway v2	Transparent Gateway v2	0%		BETA	Blueprints
35		Blueprints: OpenHarmony select blueprints	TBA	0%		BETA	TBA
36	OPENHARMONY COMPATIBILITY	Oniro Linux OS OpenHarmony compatible	Integrate OpenHarmony 1st party components in Oniro	88%		BETA	OH Compatibility
37			Making OpenHarmony 1st party components available inside Oniro	67%		BETA	OH Compatibility
38			OpenHarmony QEMU targets - Standard System Linux	44%		BETA	OH Compatibility
39			OpenHarmony services and frameworks on rpi4	0%		BETA	OH Compatibility
40			ACTS pass for Oniro Linux distro	13%		BETA	OH Compatibility
41			Research and Document the target OpenHarmony release that Goofy will be compatible with	100%		ALPHA	OH Compatibility
42			Oniro Zephyr OS OpenHarmony compatible	TBA	NA		BETA
43		TBA		NA		BETA	OH Compatibility
44		TBA		NA		BETA	OH Compatibility
45		TBA		NA		BETA	OH Compatibility
46		OpenHarmony upstream sync	OpenHarmony compatible Yocto distro configuration	100%		ALPHA	OH Compatibility
47		OpenHarmony upstream LTS version	OpenHarmony Upstream LTS version	100%		ALPHA	OH Compatibility
48		OpenHarmony ACTS abstraction from implementation	OpenHarmony Test Suite abstraction from implementation	86%		BETA	OH Compatibility
49	INFRASTRUCTURE	Eclipse Foundation migration	Eclipse Foundation migration	100%		ALPHA	Infrastructure
50		Harware Las as a Service (HLaaS)	Hardware Lab As A Service Blueprint	58%		BETA	Infrastructure
51	TESTING	Completion of LAVA testing infrastructure	Complete LAVA testing infrastructure	62%		BETA	Testling (Linaro)
52		Additional lab online - NOI Techpark	Setup an Oniro HW LAVA lab at NOI Techpark	10%		BETA	Testling (Linaro)
53		Additional lab online - Kalpa	LAVA node setup in Kalpa	10%		BETA	Testling (Linaro)
54		More DUTs - Warsaw lab	Add one more RPi4 to the WRC lab	100%		BETA	Infrastructure
55			Add 3 more RPi4 to the WRC lab	0%		BETA	Infrastructure
56			Add 3 more Arduino to the WRC lab	0%		BETA	Infrastructure
57			Add one more C61 to the WRC lab	50%		BETA	Infrastructure
58			Add one more B68 to the WRC lab	10%		BETA	Infrastructure
59		Integration of Performance and Benchmarking	Integrate performance benchmarking and observability tools into Oniro	0%		BETA	V&V
60		Periodic report of functional and performance verification	Periodic reporting of results of functional testing and performance benchmarking	38%		BETA	Testling (Linaro), V&V
61		Integration of standard test toolkits	Add LTP test plan across the board	100%		ALPHA	Testling (Linaro)
62	Integration of functional test suites	Integration of functional test suites into Oniro CI	0%		BETA	Testling (Linaro), V&V	
63		Revamp of the Oniro RTD website	Revamping the Oniro documentation website	27%		BETA	Documentation & UX

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64	DOCUMENTATION & UX	[UX] Tests of all reference platforms code after migration to EF	UX: Test the code on all reference platforms after migrate repos to Eclipse Foundation	100%		BETA	Documentation & UX	
65		[UX] Tests of blueprints code building	UX: Blueprints Code Build I Retest [booting.oniro.org]	100%		ALPHA	Documentation & UX	
66	IP COMPLIANCE	Oniro Openchain-compliant	Make Oniro Project Openchain-compliant	56%		BETA	IP Compliance	
67			Implement a distributed knowledge base for packages and metadata	100%		ALPHA	IP Compliance	
68			Improve of SBOM dashboard visualization	0%		BETA	IP Compliance	
69			Achieve Openchain conformance	62%		BETA	IP Compliance	
70		Oniro OSS standards-Compliant	Make Oniro OSS Standards-Compliant	26%		BETA	IP Compliance	
71			SBOM Goofy beta release	10%		BETA	IP Compliance	
72			SBOM Goofy alpha release	100%		ALPHA	IP Compliance	
73			Generate dependency tree and analyse license incompatibilities	0%		BETA	IP Compliance	
74			Integration of IP compliance pipelines in EF infrastructure	0%		BETA	IP Compliance	
75			Refactoring of Aliens4Friends tool	18%		BETA	IP Compliance	
76			Research and Document the target Openchain/REUSE specification version for Goofy	100%		ALPHA	IP Compliance	
77		Ensure that always the latest version of REUSE specs is used to check conformance	0%		BETA	IP Compliance		
78		SECURITY & MAINTENANCE	Secure-by-default Linux images	Secure-by-default Linux images	24%		BETA	Security
79				Library and tools unification on Linux	7%		BETA	Security
80	Runtime hardening on Linux			62%		BETA	Security	
81	Toolchain-level hardening			11%		BETA	Security	
82	Security processes for Goofy			44%		BETA	Security	
83	Debug/production builds			100%		BETA	Security	
84	Linux kernel hardening			0%		BETA	Security	
85	User and login hardening			0%		BETA	Security	
86	Security, vulnerability, bugfix management tools		Security, Vulnerability, Bugfix management tools for Oniro upgrades	29%		BETA	Security, Maintenance	
87			Yocto SBOM generation tool in Oniro	69%		BETA	Security	
88		JSON-based output of cve-check	80%		BETA	Security		
89		Integrate bugfix and security data into the IP toolchain dashboard	0%		BETA	Security		
90		Oniro upgrade delta check tool	0%		BETA	Security		
91	Tooling to track supportability status of the packages	71%		BETA	Maintenance			
92		Support Oniro reference platforms in Ledge RP	0%		BETA	Security		
93		Use meta-ledge in Oniro	0%		BETA	Security		

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94		LEDGE RP compatibility	Use meta-ts in Oniro	0%		BETA	
95			Research and Document the target LEDGE Release for Goofy inclusion	100%		BETA	Security
96		CVE fixes	CVE fixes March 2022	100%		ALPHA	Security
97			June CVE fixes	100%		BETA	Security
98		Upstream security issues backports	Kirkstone backports for April 2022	100%		ALPHA	Security
99			Kirkstone backports for May 2022	100%		ALPHA	Security
100			June backports to kirkstone	100%		BETA	Security
101			Communication Plumbing	EDDIE - Intelligent Agency: Communication Plumbing	92%		BETA
102		Virtualization Layer	EDDIE - Intelligent Agency: Virtualization Layer	23%		BETA	AI
103		AI	Simple Cooperative Use Case	EDDIE - Intelligent Agency: Simple Cooperative Use Case	0%		BETA
104	AI	Application Management Layer	EDDIE - Intelligent Agency: Application Management Layer	0%		BETA	AI
STRETCH GOALS				ALPHA: 07.03 - 06.06			
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1	OTA	System OTA Linux	System state backup and restore functionality	0%		BETA	OTA
2	APPLICATION FRAMEWORK	ReactNative	TBA	NA		BETA	TBA
3	BLUEPRINTS	Residential Energy Gateway	Blueprint: Residential Energy Gateway - Energy Management Demo	0%		BETA	Networking
4			Residential Energy Gateway - Dashboard demo	42%		BETA	Networking
5	OPENHARMONY COMPATIBILITY	Oniro Linux OS OpenHarmony compatible	TBA	NA		BETA	TBA