



Platform Maturity Proposal Beijing

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Recommended Platform Maturity Levels for Beijing* (1/2)

Area	Priority	Min. Level	Stretch Goal	Level Descriptions (abbreviated)
Performance	Low/Med	Level 1 – closed-loop projects Level 0 – remaining projects	Level 1 – remaining	<ul style="list-style-type: none"> •0 -- none •1 -- baseline performance criteria identified and measured •2 & 3 – performance improvement plans created & implemented
Stability	Medium	Level 1	Level 2 – run-time projects	<ul style="list-style-type: none"> •0 -- none •1 – 72 hour component level soak w/random transactions •2 – 72 hour platform level soak w/random transactions •3 – 6 month track record of reduced defect rate
Resiliency	High	Level 2 – run-time projects Level 1 – remaining projects	Level 3 – run-time projects Level 2 – remaining projects	<ul style="list-style-type: none"> •0 -- none •1 – manual failure and recovery (< 30 minutes) •2 – automated detection and recovery (single site) •3 – automated detection and recovery (geo redundancy)

*Adapted from AT&T Ops Team presentation (Lee Breslau):

<https://wiki.onap.org/display/DW/Contributions?preview=/8225716/20087412/ATT%20Review%20of%20ONAP%20Carrier%20Grade%20Requirements.pptx>

Full Platform Maturity Requirements : <https://wiki.onap.org/pages/viewpage.action?pageId=15998867>

PROPOSED

Recommended Platform Maturity Levels for Beijing* (2/2)

Area	Priority	Min. Level	Stretch Goal	Level Descriptions (abbreviated)
Security	High	Level 1 - 70% of projects; non-passing meet 80% of requirements Cryptographic – all projects	Level 2	<ul style="list-style-type: none"> •0 -- none •1 – CII Passing badge + 50% test coverage •2 – CII Silver badge; internal communication encrypted; role-based access control and authorization for all calls •3 – CII Gold
Scalability	Low	Level 1 – run-time projects Level 0 – remaining projects	Level 1	<ul style="list-style-type: none"> •0 – no ability to scale •1 – single site horizontal scaling •2 – geographic scaling •3 – scaling across multiple ONAP instances
Manageability	High	Level 1	Level 2	<ul style="list-style-type: none"> •1 – single logging system across components; instantiation in < 1 hour •2 – ability to upgrade a single component; tracing across components; externalized configuration management
Usability	Moderate	Level 1	Level 2	<p>1 – user guide; deployment documentation; API documentation; adherence to coding guidelines</p> <p>2 – UI consistency; usability testing; tutorial documentation</p>

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PROPOSED