

Architecture Tiger Team (Copy)

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ONAP target architecture (R4 and beyond):

ONAP End-to-End Architecture

The end-to-end architecture of the ONAP platform is currently being developed by the tiger team using a set of design principles listed below:

- ONAP is a layered architecture – Orchestration, Multi-Cloud, Controller, etc.
- Functional role of each layer should be well defined per the aforementioned architecture principles.
- ONAP should support integrated design studio to capture full life-cycle management models (TOSCA models for NF, simple / nested services augmented with BPMN, Policy / Analytic design models, etc.).
- ONAP Should Support Cloud Agnostic Model and Multi-Cloud adaption layer while hiding infrastructure details.
- ONAP Target Goal is: Modular, Model-driven, Microservices-based architecture.
- Models drive interfaces between layers/components.
- ONAP should define well-described and consistent NB-APIs at all layers.
- Keep flexible capability for commercial solution (no vendor lock-in).
- Agree to unified modeling for integration across all modules: VES in DCAE, Logging & monitor inside ONAP and more.

These principles were reviewed and agreed upon by the Architecture Subcommittee. You can find the details [here](#).

Below slide deck provides the latest ONAP architecture for R2 and beyond. This is work in progress. These slides are also available at the Architecture (ARC) Subcommittee contributions page: <https://wiki.onap.org/display/DW/Contributions>

- [py20181011 ONAP Modularization Considerations.pptx](#) (Parviz Yegani)
- [py20180828 ONAP R4+ Architecture Tiger Team Report \(to ARC\).pptx](#) (Parviz Yegani)
- [py20180828 ONAP R4+ Architecture Tiger Team Report \(to ARC\).pptx](#)
- [py20180523 ONAP R3+Architecture Update_F2F Vancouver_ARC_F2F.pptx](#)
- [py20180515 ONAP R3+Architecture Update_v01 \(to ARC\).pptx](#)
- [py20180514 ONAP R3+Architecture Update \(to TT\).pptx](#)
- [py20180507 ONAP Microservices Architecture \(ARC preso\)-short.pptx](#)
- [py20180501 Service Mesh for ONAP \(ARC preso\) deferred.pptx](#)
- [py20180424 RESP project proposal \(ARC preso\) deferred.pptx](#)
- [py20180417 ONAP Architecture Update \(ARC preso\)_fnl.pptx](#)
- [py20180417 ONAP Architecture Update \(ARC preso updated\).pptx](#)
- [py20180417 ONAP Architecture Update \(ARC preso\).pptx](#)
- [py20180313 ONAP Architecture Update \(ARC preso\).pptx](#)[py20181011 ONAP Modularization Considerations.pptx](#)
- [py20180305 ONAP is model driven.pptx](#)
- [py20180227 ONAP R2+ Architecture Proposal.pptx](#)
- [py20180126 ONAP R2+ Architecture Proposal_v01.pptx](#)
- [py20180125 ONAP R2+ Architecture Proposal_v00.pptx](#)
- [ONAP Beijing Architecture TT Readout 20180220.pptx](#)
- [ONAP Beijing Architecture TT Readout 20180130_v02.pptx](#)
- [ONAP Beijing Architecture TT Readout 20180130_v01.pptx](#)
- [ONAP Beijing Architecture TT Readout 20180130.pptx](#)
- [ONAP Beijing Architecture TT Readout 20180126.pptx](#)
- [py20180124 ONAP R2+ Architecture Proposal.pptx](#)
- [py20180123 ONAP R2+ Architecture Proposal.pptx](#)
- [py20180122 ONAP R2+ Architecture Proposal.pptx](#)
- [py20180119 ONAP R2+ Architecture Proposal.pptx](#)
- [py20180116 ONAP R2+ Architecture Proposal.pptx](#)
- [py20180112 ONAP R2+ Architecture Proposal.pptx](#)
- [py20180109 ONAP R2+ Architecture Proposal.pptx](#)
- [py20180102 ONAP R2+ Architecture Proposal.pptx](#)
- [py20171218 ONAP R2+ Architecture Proposal \(updated\) \(003\)_contributors added.pptx](#)
- [py20171214 ONAP R2+ Architecture Proposal \(updated\).pptx](#)
- [py20171208 ONAP R2+ Architecture Proposal ajm.pptx](#)
- [py20171208 ONAP R2+ Architecture Proposal \(updated\).pptx](#)
- [py20171207 ONAP R2+ Architecture Proposal.pptx](#)
- [py20171128 ONAP R2+ Architecture Proposal.pptx](#)
- [py20171114 ONAP R2+ Architecture Proposal.pptx](#)
- [py20171114 ONAP R2+ Architecture Proposal-steve2.pptx](#)
- [py20171109 ONAP R2+ Architecture Proposal.pptx](#)
- [py20171102 ONAP R2+ Architecture Proposal \(Tiger Team preso\).pptx](#)
- [py20171024 ONAP R2+ Architecture Proposal \(ARC preso\).pptx](#)

Architecture Tiger Team Weekly Meeting

Meeting Information (Fridays):

UTC 03:00 PM	China 11:00 PM	Eastern 10:00 AM	Pacific 07:00 AM
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- **IRC:** TBA
- <https://zoom.us/j/112544167>
- US numbers: +1 646 558 8656 or +1 669 900 6833
- Meeting ID: 112 544 167
- International numbers available:
- <https://zoom.us/join?j=112544167>

Meeting Agenda + Notes:

- [Agenda+Notes ONAP Architecture Tiger Team Call \(04-23-2018\).docx](#)
- [Agenda+Notes ONAP Architecture Tiger Team Call \(04-16-2018\).docx](#)
- [Agenda+Notes ONAP Architecture Tiger Team Call \(04-06-2018\).docx](#)
- [Agenda+Notes ONAP Architecture Tiger Team Call \(03-28-2018\).docx](#)
- [Agenda+Notes ONAP Architecture Tiger Team Call \(03-19-2018\).docx](#)
- [Agenda+Notes ONAP Architecture Tiger Team Call \(02-02-2018\).docx](#)
- [Agenda ONAP Architecture Tiger Team Call \(01-26-2018\).docx.docx](#)
- [Agenda - ONAP Architecture Tiger Team Call \(01-26-2018\).docx.](#)
- [Agenda - ONAP Architecture Tiger Team Call \(01-19-2018\).docx](#)
- [Agenda - ONAP Architecture Tiger Team Call \(01-16-2018\).docx 2hrs](#)
- [Agenda - ONAP Architecture Tiger Team Call \(15-JAN-2018\) 2hrs](#)
- [Agenda - ONAP Architecture Tiger Team Call \(12-JAN-2018\) 2hrs](#)
- [Agenda - ONAP Architecture Tiger Team Call \(12-JAN-2018\)_with_attachments.docx](#)
- [Notes - ONAP Architecture Tiger Team Call \(12-JAN-2018\)](#)
- [Agenda - ONAP Architecture Tiger Team Call \(08-JAN-2018\) 2hrs](#)
- [Agenda - architecture tiger team\(08-JAN-2018\).msg](#)
- [Notes - ONAP Architecture Tiger Team Call \(08-JAN-2018\)](#)
- [Agenda - ONAP Architecture Tiger Team Call \(05-JAN-2018\) 2hrs](#)
- [Notes - ONAP Architecture Tiger Team Call \(05-JAN-2018\)](#)
- [Notes2 - ONAP Architecture Tiger Team Call \(05-JAN-2018\)](#)
- [Agenda ONAP Architecture Tiger Team Call \(04-JAN-2018\) 2hrs](#)
- [Notes - ONAP Architecture Tiger Team Call \(04-JAN-2018\)](#)
- [Agenda ONAP Architecture Tiger Team Call \(03-JAN-2018\) 2hrs](#)
- [Agenda ONAP Architecture Tiger Team Call \(03-JAN-2018\) with attachments.docx](#)
- [Notes - ONAP Architecture Tiger Team Call \(03-JAN-2018\)](#)
- [Agenda - ONAP Architecture Tiger Team Call \(22-DEC-2017\)](#)
- [Agenda - ONAP Architecture Tiger Team Call \(18-DEC-2017\)](#)
- [Notes - ONAP Architecture Tiger Team Call \(18-DEC-2017\)](#)
- [Agenda - ONAP Architecture Tiger Team Call \(08-DEC-2017\)](#)
- [Notes - ONAP Architecture Tiger Team Call \(08-DEC-2017\)](#)
- [Notes2 ONAP Architecture Tiger Team Call \(08-DEC-2017\)](#)
- [Agenda - ONAP Architecture Tiger Team Call \(22-NOV-2017\)](#)
- [Agenda - ONAP Architecture Tiger Team Call \(17-NOV-2017\)](#)
- [Agenda - ONAP Architecture Tiger Team Call \(16-NOV-2017\)](#)
- [Agenda - ONAP Architecture Tiger Team Call \(10-NOV-2017\)](#)
- [Notes - ONAP Architecture Tiger Team Call \(10-NOV-2017\)](#)
- [Notes1 - ONAP Architecture Tiger Team Call \(09-NOV-2017\)](#)
- [Notes2 - ONAP Architecture Tiger Team Call \(09-NOV-2017\)](#)
- [Agenda - ONAP Architecture Tiger Team Call \(02-NOV-2017\)](#)
- [Notes - ONAP Architecture Tiger Team Call \(02-NOV-2017\)](#)

Tiger Team Contributions:

- [ONAP_Modularization_10_21_2018_ATT.pdf](#)
- [ONAP_Modularization_10_12_2018_ATT.pdf](#) (John Jensen, AT&T)
- [Proposed ONAP Runtime Support for Network Service Onboarding v3.pptx](#) (Updated based on 8/20 Tiger Team comments) (Gil Bullard - AT&T)
- [ONAP Orchestration function ESO-DO and Alignment to Standard API V0.1.pdf](#) (Abinash Vishwakarma - Netcracker)
- [Proposed ONAP Runtime Support for Network Service Onboarding.pptx](#) (Gil Bullard - AT&T)
- [Modular Orchestration and Homing of Complex Services and Allotted Resources](#) (Gil Bullard - AT&T)
- [ONAP Casablanca Architecture recommendations att.pptx](#) (John Ng - AT&T)
- [ONAP_Controllers_tiger_team_180612.pptx](#) (John Ng - AT&T)
- [ONAP_Controllers_tiger_team_180608.pptx](#) (John Ng - AT&T)
- [Recursive Orchestration Illustration - Decomposition and Homing.pptx](#) (Gil)
- [Recursive Orchestration Illustration - 180326.pdf](#) (Gil)
- [ONAP Microservices Architecture for Casablanca and beyond.pptx](#)(Huabing)
- [Plug an ETSI VNF Manager into the ONAP architecture](#) (Gil) [VNFM Plug-In.pptx](#)
- [ONAP Beijing Architecture TT Readout 20180130_v02-sdn.pptx](#)
- [E2E ONAP Target Architecture Proposal 01152018 \(AT&T\).pptx](#)
- [jn180206_E2E ONAP Target Arch Proposal_Controllers.pptx](#)
- [jn180201_E2E ONAP Target Arch Proposal_Controllers.pptx](#)
- [VNFSDK functional description.pptx](#)
- [ONAP architecture functional description_MSB_updated with Swagger SDK.pptx](#)
- [ONAP architecture functional description_MSB.pptx](#)
- [ONAP architecture functional description.pptx](#)
- [Service and Resource Orchestration - 180105.pdf](#)

- AAF and DMAap functional description.pptx
- ETSI MANO vs ONAP Instantiation v4.pdf
- Generic VNFM update-pa2.pptx
- ONAP architecture functional description - AAI Slide Updated.pptx
- ONAP architecture functional description - CLI.pptx
- ONAP architecture functional description (2).pptx
- ONAP architecture functional description -APPC-v3.pptx
- ONAP architecture functional description -CLAMP-v1.pptx
- ONAP architecture functional description(UUI).pptx
- ONAP architecture functional description.pptx
- ONAP architecture functional description_MSB.pptx
- ONAP architecture functional description-dcae-edits.pptx
- ONAP Beijing Architecture Jan 9b.pptx
- ONAP R2+ catalog&VNFM-Maopeng.pptx
- ONAP Target Architecture_with_CCSDK.pptx
- ONAP Target Architecture_with_orch_details-V3.pptx
- ONAP_E2E_Arch_Drawing.pptx
- ONAP-VFC.pptx
- 20180124_Multi VIM-Cloud functional description.pptx
- 20180124_ONAP Operations Manager functional description.pptx
- 20180124_Policy functional description.pptx
- 20180115_E2E ONAP Target Architecture Proposal_ATT.pptx
- 20180116_E2E ONAP Target Architecture Proposal_ATT.pptx
- 20180118_E2E ONAP Target Architecture Proposal_ATT.pptx
- 20180115_ONAP APIs_ATT.pptx
- 20180116_ONAP APIs_ATT.pptx
- 20180124_Orchestration functional description (Seshu).pptx
- 20180115_UUI functional description.pptx
- 20180115_A&AI functional description.pptx
- 20180115_AAF and DMAap functional description.pptx
- 20180115_APPC functional description.pptx
- 20180115_CLAMP functional description.pptx
- 20180115_DCAE functional description.pptx
- 20180115_Gil's comments on service and resource orchestration.docx
- 20180115_Lusheng comments on DCAE functional description.docx
- 20180115_Manoj's comments - suggestions on Casablanca.docx
- 20180115_MSB functional description_ZTE.pptx
- 20180115_MSB_updated with Swagger SDK_Huawei.pptx
- 20180115_ONAP Beijing Architecture Jan 9b_Manoj comments.pptx
- 20180115_OOF-architecture-functional-description-R2-and-R3plus.pptx
- 20180115_Service and Resource Orchestration.pdf
- 20180115_VDF - proposed Target Architecture_with_orch_details-V3.pptx
- 20180115_VNFSDK functional description.pptx
- 20180115_CLI functional description.pptx
- 20180115_Logging-analytics functional description.pptx
- ONAP Beijing Architecture TT Readout 20180130_v02-sdn(Ramki_added_slides 55-58).pptx
- ONAP Microservices Architecture Approaches (Manoj)
- ONAP Modularity - Functional Decomposition Proposal (Manoj)
- Functional Decomposition (Initial View)

Zoom Recording:

- **20180214_tiger-team-call zoom_0.mp4**
- **20180910_tiger-team-call zoom_0.mp4**