

# Introduction



[O-RAN Portal Home](#) | By using this website you agree to [O-RAN ALLIANCE Copyright Policies](#)

Workgroup Number	WG8
Workgroup Name	O-RAN Stack Reference Design Working Group
Workgroup Charter	<p>Develop the software architecture, design, and release plan for the O-RAN Central Unit (O-CU) and O-RAN Distributed Unit (O-DU) based on O-RAN and 3GPP specifications for the NR protocol stack.</p> <p>Develop specifications for interoperability testing of O-RAN O-CU and O-DU deployment scenarios with other O-RAN components in standalone (SA) mode.</p>
Workgroup Scope	<p><b>Must have:</b></p> <ul style="list-style-type: none"><li>• L1, L2, and L3 software architecture and design for the O-RAN Central Unit (O-CU) and O-RAN Distributed Unit (O-DU)</li><li>• API definitions to internal component</li><li>• API definitions to external components, e.g., RIC and Whitebox (coordinate with external WGs)</li><li>• API definitions for OAM</li></ul> <p><b>Software Stack Assumptions:</b></p> <ul style="list-style-type: none"><li>• All source code development and management will be under OSC/TOC</li><li>• 5G SA only</li><li>• Support FR1 and FR2</li><li>• Support O-CU/O-DU integrated/split architecture</li></ul>
Workgroup Co-chairs	<p>China Mobile (CMCC): SU GU</p> <p>AT&amp;T (ATT): Paul Hartman</p> <p>Intel (INT): Jianli (Alex) Sun</p> <p>Radisys (RSY): Ganesh Shenbagaraman</p>

---

Last synchronization on: 2022-10-05, 12:56:06 (CEST)