

Document Title	List of Adaptive Platform
	Functional Clusters
Document Owner	AUTOSAR
Document Responsibility	AUTOSAR
Document Identification No	862
Document Status	published
Part of AUTOSAR Standard	Adaptive Platform
Part of Standard Release	R22-11

Document Change History						
Date	Release	Changed by	Description			
2022-11-24	R22-11	AUTOSAR Release Management	New Functional Cluster: Firewall     Predefined Log&Trace Context IDs     added			
2021-11-25	R21-11	AUTOSAR Release Management	<ul> <li>Functional Cluster shortname rest for RESTful communication removed</li> <li>New Functional Cluster: Intrusion Detection System Manager</li> <li>Editorial changes in cluster titles</li> </ul>			
2020-11-30	R20-11	AUTOSAR Release Management	<ul> <li>Renaming of Core Types to Adaptive Core</li> </ul>			
2019-11-28	R19-11	AUTOSAR Release Management	<ul> <li>Functional Cluster shortname s2s for Signal to Service removed</li> <li>Changed Document Status from Final to published</li> </ul>			
2019-03-29	R19-03	AUTOSAR Release Management	No content changes			
2018-10-31	R18-10	AUTOSAR Release Management	Renaming of • Identity and Access Management • Operating System Interface • Update and Configuration Management			
2018-03-29	R18-03	AUTOSAR Release Management	<ul> <li>New Functional Clusters Core Types, Network Management and State Management added</li> <li>Shortname for Time Synchronization changed from time to tsync</li> </ul>			
2017-10-27	R17-10	AUTOSAR Release Management	Addition of new Functional Clusters			



Date	Release	Changed by	Description
2017-03-31		AUTOSAR Release Management	<ul> <li>Initial release</li> </ul>



## Disclaimer

This work (specification and/or software implementation) and the material contained in it, as released by AUTOSAR, is for the purpose of information only. AUTOSAR and the companies that have contributed to it shall not be liable for any use of the work.

The material contained in this work is protected by copyright and other types of intellectual

property rights. The commercial exploitation of the material contained in this work requires a license to such intellectual property rights.

This work may be utilized or reproduced without any modification, in any form or by any means, for informational purposes only. For any other purpose, no part of the work may be utilized or reproduced, in any form or by any means, without permission in writing from the publisher.

The work has been developed for automotive applications only. It has neither been developed, nor tested for non-automotive applications.

The word AUTOSAR and the AUTOSAR logo are registered trademarks.



## List of Adaptive Platform Functional Clusters

Adaptive Platform Functional Cluster	SHORTNAME (used e.g. in namespace and include structure)	Log&Trace Context ID
Adaptive Platform Core	core	#COR
Communication Management	com	#COM
Cryptography	crypto	#CRY
Diagnostics	diag	#DIA
Execution Management	exec	#EXE
Firewall	fw	#FWX
Identity and Access Management	iam	#IAM
Intrusion Detection System Manager	idsm	#IDS
Log and Trace	log	#LOG
Network Management	nm	#NMX
Operating System Interface	n/a	#OSI
Persistency	per	#PER
Platform Health Management	phm	#PHM
State Management	sm	#SMX
Time Synchronization	tsync	#TSY
Update and Configuration Management	ucm	#UCM

Please note: all AUTOSAR-defined Log&Trace Context IDs are restricted to 4 ASCII characters in order to remain compatible with V1 of the DLT protocol, which only supports context IDs of 4 characters in length.