

BUREAU OF INDIAN STANDARDS

Program of Work

LITD 31 : Cloud Computing, IT & Data Centres

Scope: To establish Indian standards in the field of a) Cloud Computing and Distributed Platforms including Foundational concepts and technologies, Operational issues, and Interactions among Cloud Computing systems and with other distributed systems b) Assessment methods, design practices, operation and management aspects to support resource efficiency, resilience and environmental sustainability for and by information, data centres and other facilities and infrastructure necessary for service provisioning

Liaison: **ISO/IEC/JTC1 TC- SC-38 (P): Cloud Computing Fundamentals (CCF) ISO/IEC/JTC1 TC- SC-38 (P): Data in cloud computing and related technologies ISO/IEC/JTC1 TC- SC-39 (P): Sustainability, IT and data centres ISO/IEC/JTC1 TC- SC-39 (P): Resource Efficient Data Centres ISO/IEC/JTC1 TC- SC-39 (P): Sustainable facilities and infrastructures ISO/IEC/JTC1 TC- SC-39 (P): Eco-design of digital services ISO/IEC/JTC1 TC- SC-38 (P): Cloud computing and distributed platforms**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11713 (Part 1) : 1986 <i>Reviewed In : 2019</i>	Guide for physical planning of computer complexes: Part 1 layout	June, 2019	-	Indigenous
2	IS 11713 (Part 2) : 1986 <i>Reviewed In : 2019</i>	Guide for physical planning of computer complexes: Part 2 safety	June, 2019	-	Indigenous
3	IS 11713 (Part 3) : 1986 <i>Reviewed In : 2019</i>	Guide for physical planning of computer complexes: Part 3 Security considerations	June, 2019	-	Indigenous
4	IS 11713 (Part 4) : 1986 <i>Reviewed In : 2019</i>	Guide for physical planning of computer complexes: Part 4 services	June, 2019	-	Indigenous
5	IS/ISO/IEC 17788 : 2014 17788 : 2014 <i>17788 : 2014</i>	Information technology Cloud computing Overview and vocabulary		-	Identical under single numbering
6	IS/ISO/IEC 19944-1 : 2020 19944 Part 1:2020 <i>19944 Part 1:2020</i>	Cloud computing and distributed platforms Data flow data categories and data use Part 1: Fundamentals		-	Identical under single numbering
7	IS/ISO/IEC 22123-1 : 2021 22123 Part 1:2021 <i>22123 Part 1:2021</i>	Information technology Cloud computing Part 1: Vocabulary		-	Identical under single numbering
8	IS/ISO/IEC 22237-1 : 2021 ISO/IEC	Information Technology Data Centre Facilities and Infrastructures Part 1: General		-	Identical under single numbering

	22237-1:2021 ISO/IEC 22237-1:2021	Concepts			
9	IS/ISO/IEC 22237-3 : 2021 ISO/IEC 22237-3:2021 ISO/IEC 22237-3:2021	Information Technology Data Centre Facilities and Infrastructures Part 3: Power Distribution		-	Identical under single numbering
10	IS/ISO/IEC 22237-4 : 2021 ISO/IEC 22237-4: 2021 ISO/IEC 22237-4: 2021	Information Technology Data Centre Facilities and Infrastructures Part 4: Environmental Control		-	Identical under single numbering
11	IS/ISO/IEC 30134-1 : 2016 ISO/IEC 30134-1 : 2016 Reviewed In : 2023 ISO/IEC 30134-1:2016	Information Technology Data Centers Key Performance Indicators Part 1 Overview and General Requirements	March, 2023	-	Identical under single numbering
12	IS/ISO/IEC 30134-2 : 2016 ISO/IEC 30134-2 : 2016 Reviewed In : 2023 ISO/IEC 30134-2 : 2016	Information Technology Data Centres Key Performance Indicators Part 2 Power Usage Effectiveness (PUE)	March, 2023	-	Identical under single numbering
13	IS/ISO/IEC 30134-3 : 2016 ISO/IEC 30134-3 : 2016 Reviewed In : 2023 ISO/IEC 30134-3 : 2016	Information Technology Data Centres Key Performance Indicators Part 3 Renewable Energy Factor (REF)	March, 2023	-	Identical under single numbering
14	IS/ISO/IEC 30134-4 : 2017 ISO/IEC 30134-4 : 2017 Reviewed In : 2023 ISO/IEC 30134-4 : 2017	Information Technology Data Centres Key Performance Indicators Part 4 IT Equipment Energy Efficiency for Servers (ITEEsv)	March, 2023	-	Identical under single numbering
15	IS/ISO/IEC 30134-5 : 2017 ISO/IEC 30134-5 : 2017 Reviewed In : 2023 ISO/IEC 30134-5 : 2017	Information Technology Data Centres Key Performance Indicators Part 5 IT Equipment Utilization for Servers (ITEUsv)	March, 2023	-	Identical under single numbering
16	IS/ISO/IEC 30134-6 : 2021 ISO/IEC 30134-6:2021 ISO/IEC 30134-6:2021	Information Technology Data Centres Key Performance Indicators Part 6: Energy Reuse Factor ERF		-	Identical under single numbering
17	IS/ISO/IEC 30134-8 : 2022 ISO/IEC	Information Technology Data Centres Key Performance Indicators Part 8: Carbon Usage		-	Identical under single numbering

	30134-8:2022 ISO/IEC 30134-8:2022	Effectiveness CUE			
18	IS/ISO/IEC 30134-9 : 2022 ISO/IEC 30134-9:2022 ISO/IEC 30134-9:2022	Information Technology Data Centres Key Performance Indicators Part 9: Water Usage Effectiveness WUE		-	Identical under single numbering

Standards under Development

Projects Approved		
SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards		
SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage		
SI. No.	Doc No.	Title
<i>No Records Found</i>		

Draft Standards Completed WC Stage		
SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
<i>No Records Found</i>		

Total Published Standards:12 Total Standards Under development:0

Aspect Wise Report

- Product : 1
- Code of Practices : 2
- Methods of Test : 0
- Terminology : 1
- Dimensions : 0
- System Standard : 0
- Safety Standard : 1
- Others : 13
- Service Specification : 0
- Process Specification : 0
- Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS/ISO/IEC 30134-1 : 2016 ISO/IEC 30134-1 : 2016 Reviewed In : 2023 ISO/IEC 30134-1:2016	Information Technology Data Centers Key Performance Indicators Part 1 Overview and General Requirements