



INSPIRE compliance and updates

10th EMODnet Technical Working Group
9 - 10th September 2021

Tim Collart

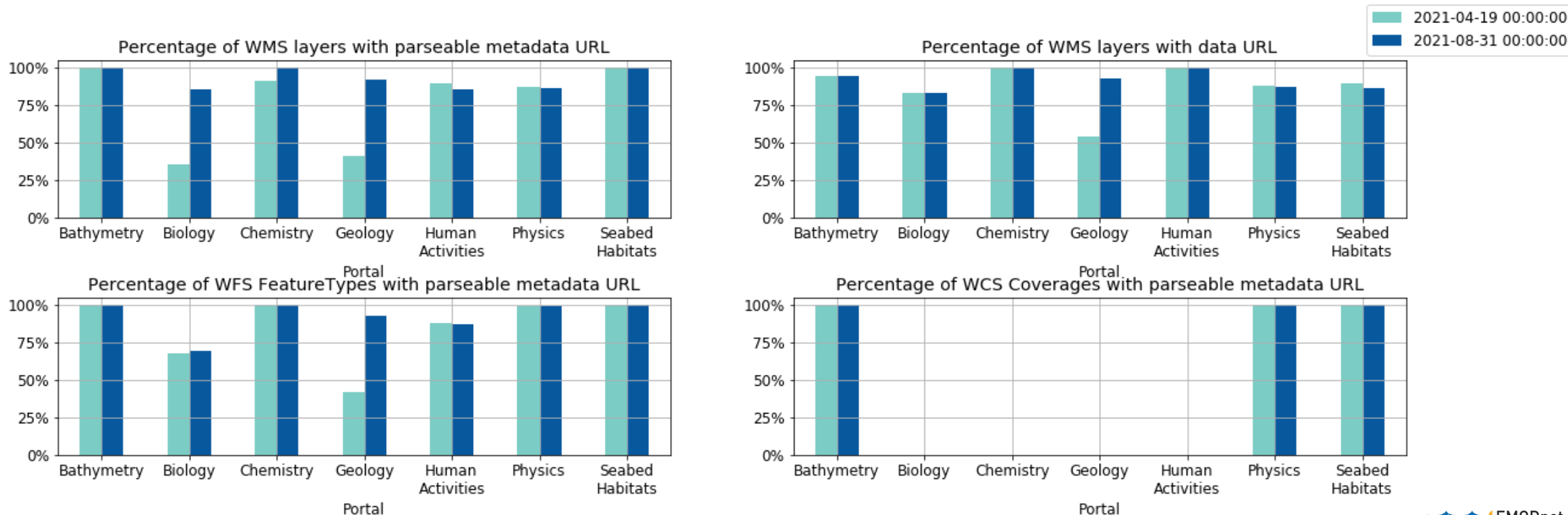
EMODnet Secretariat
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INSPIRE Metadata & data URL's in Service GetCapabilities

- Followed up in JIRA: <https://jira.emodnet.eu/browse/EM-14>
- Service metadata URL's (as of 31/08/2021)

Date	Bathymetry	Biology	Chemistry	Geology	Human Activities	Physics	Seabed Habitats
19/04/2021	5/5	5/5	10/10	0/12	1/3	4/7	6/6
31/08/2021	5/5	5/5	8/10	9/12	1/3	4/7	6/6

- Dataset metadata and data URL's

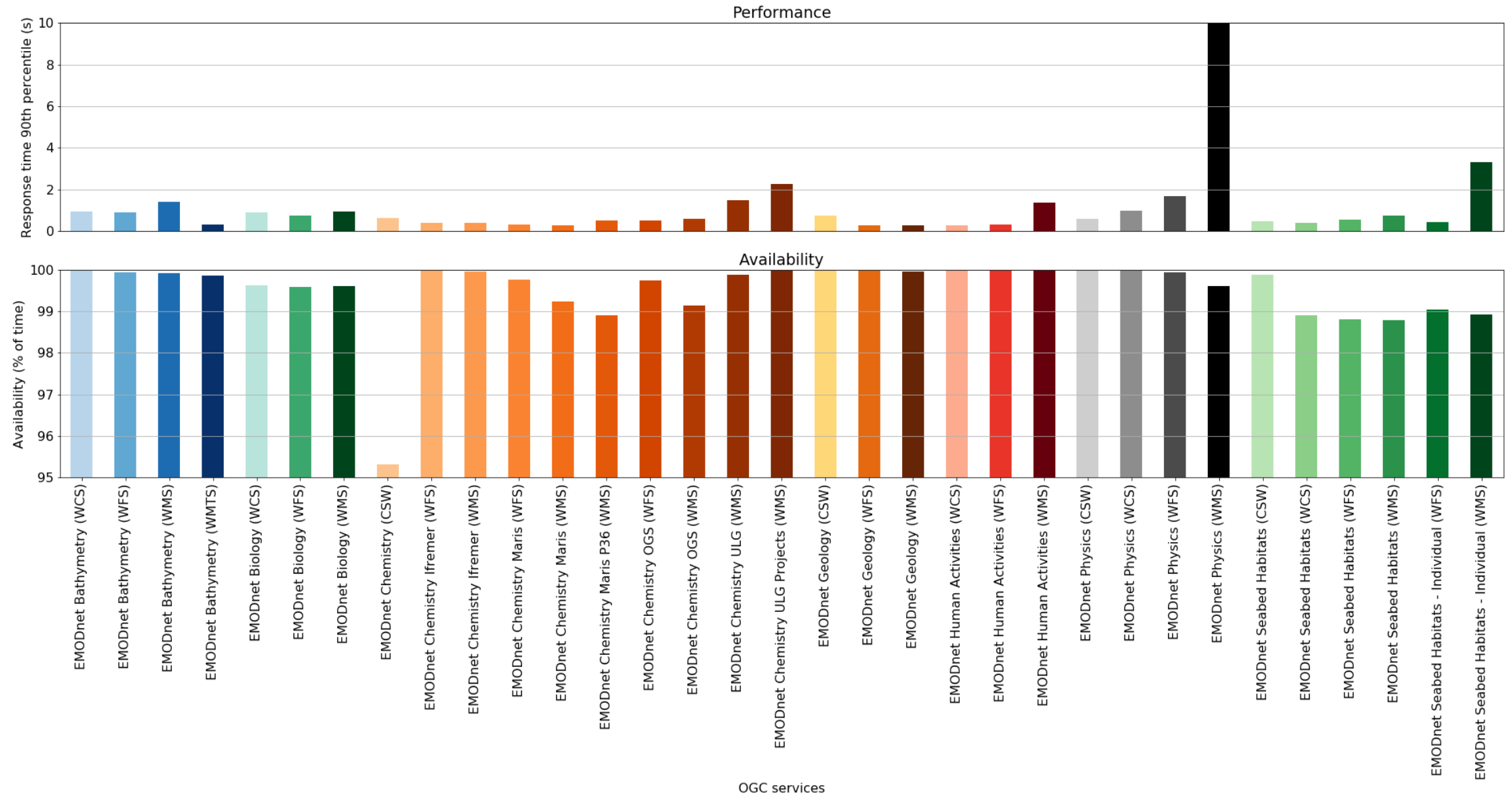


INSPIRE Quality of Service Monitoring

- INSPIRE sets a number of Quality of Service requirements for web services. This includes requirement for:
 - Performance: Response time during normal operation (90th percentile)
 - Capacity: Number of simultaneous service requests
 - Availability: The percentage of time the service is available
- Monitoring web services with GeoHealthCheck (monitor.emodnet.eu)
 - Currently:
 - Monitor performance and availability for GetCapabilities operations & compare with INSPIRE requirements
 - Followed up in JIRA: <https://jira.emodnet.eu/browse/EM-140>

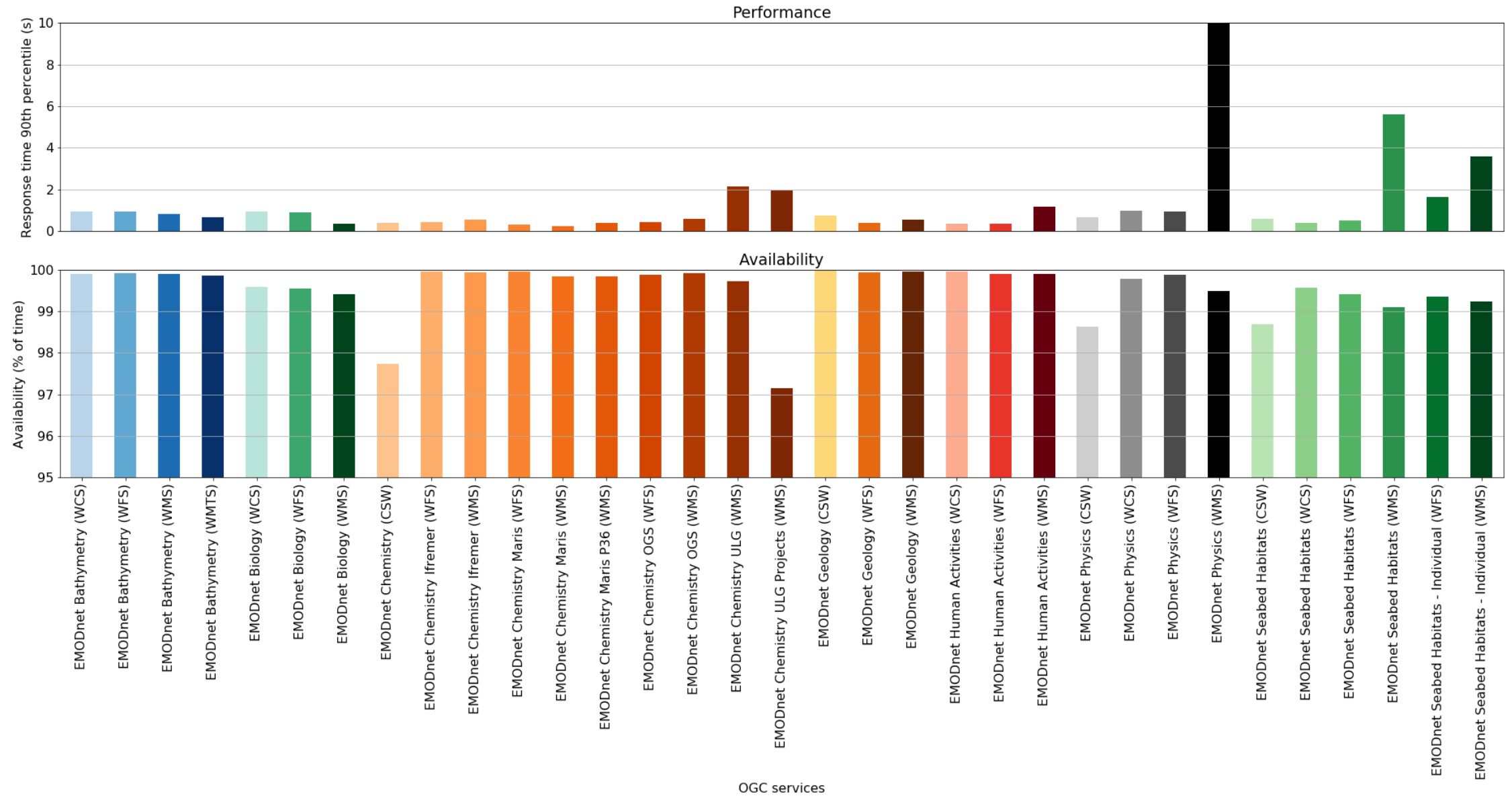
INSPIRE Quality of Service Monitoring (TWG 8 -> 9)

12/11/2020 - 19/04/2021



INSPIRE Quality of Service Monitoring (TWG 9 -> 10)

20/04/2021 - 31/08/2021

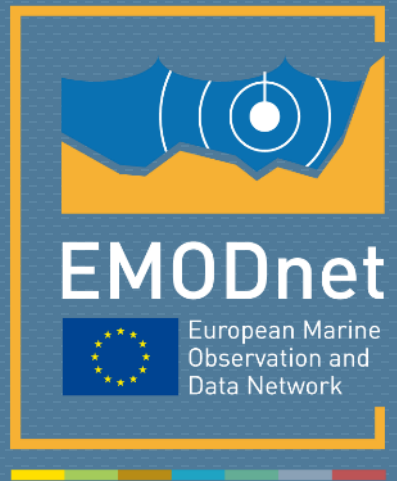


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 - Performance: Response time during normal operation (90th percentile)
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 - Currently:
 - Monitor performance and availability for GetCapabilities operations & compare with INSPIRE requirements
 - Followed up in JIRA: <https://jira.emodnet.eu/browse/EM-140>
 - Planned (but ON HOLD):
 - Implement INSPIRE normalized testing procedures as plugins to GeoHealthCheck:
 - Monitor performance, capacity and availability for different operations:
 - GetCapabilities
 - GetMap/GetFeature/GetCoverage
 - DescribeFeatureType/DescribeCoverage
 - More information and progress tracked in JIRA: <https://jira.emodnet.eu/browse/EM-108>

Monitoring of Metadata & Services with the INSPIRE Validator

- Need for prioritization of INSPIRE requirements that are fit-for-purpose to EMODnet
- Need for better documentation of INSPIRE validator output (development ON HOLD)



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