



<u>Message brokers</u>	<u>GRIDOPS-MSG</u>	<u>Availability</u>	98%	100,00%	100,00%	100,00%	99,45%	100,00%	100,00%	100,00%	100,00%	100,00%
		<u>Reliability</u>	98%	100,00%	100,00%	100,00%	99,45%	100,00%	100,00%	100,00%	100,00%	100,00%
<u>Operations Portal</u>	<u>GRIDOPS-OPSPORTAL</u>	<u>Availability</u>	99%	99,99%	99,93%	99,10%	100,00%	99,48%	99,89%	99,91%	100,00%	99,63%
		<u>Reliability</u>	99%	99,99%	99,93%	99,10%	100,00%	99,48%	99,89%	99,91%	100,00%	99,63%
<u>Perun</u>	<u>GRIDOPS-PERUN</u>	<u>Availability</u>	99%	99,99%	100,00%	99,04%	100,00%	98,81%	100,00%	100,00%	99,95%	100,00%
		<u>Reliability</u>	99%	99,99%	100,00%	99,04%	100,00%	98,81%	100,00%	100,00%	99,95%	100,00%
<u>Monitoring services</u>	<u>GRIDOPS-SAM</u>	<u>Availability</u>	99%	99,93%	99,88%	99,83%	99,48%	99,31%	100,00%	99,41%	99,99%	99,98%
		<u>Reliability</u>	99%	99,93%	99,88%	99,83%	99,48%	99,31%	100,00%	99,85%	99,99%	99,98%
<u>Security coordination and security tools</u>	<u>GRIDOPS-SECTOOLS</u>	<u>Availability</u>	90%	99,85%	100,00%	100,00%	100,00%	100,00%	99,99%	100,00%	99,95%	100,00%
		<u>Reliability</u>	90%	100,00%	100,00%	100,00%	100,00%	100,00%	99,99%	100,00%	99,95%	100,00%
<u>UMD software provisioning infrastructure</u>	<u>GRIDOPS-UMDREPO</u>	<u>Availability</u>	95%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	99,40%	99,91%
		<u>Reliability</u>	95%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	99,40%	99,91%
<u>WS-PGRADE LTOS</u>	<u>GRIDOPS-WS-PGRADE</u>	<u>Availability</u>	90%	70,82%	0,00%	0,00%	85,68%	99,55%	100,00%	100,00%	100,00%	100,00%
		<u>Reliability</u>	95%	70,82%	0,00%	0,00%	85,68%	99,55%	100,00%	100,00%	100,00%	100,00%
<u>Helpdesk (xGGUS)</u>	<u>GRIDOPS-XGUS</u>	<u>Availability</u>	99%	100,00%	99,91%	97,97%	98,81%	99,30%	100,00%	99,79%	100,00%	100,00%
		<u>Reliability</u>	99%	100,00%	99,91%	97,97%	98,81%	99,30%	100,00%	100,00%	100,00%	100,00%