

DN for(tp - m, fire	Outline	CERN T Department
CERN IT Department CHERN IT DEPARTMENT	 Tier0 responsibilities Tier1 responsibilities What do I have to do? Recent problems Bugs related to Streams Recommended patches Pending requests New 11g features Summary 	CERNY





	Tier0 responsibilities	CERN IT Department
CERN IT Department Characteria Canadian Control of the Characteria Control of the Control of the	 Initial Streams setup Add new schemas to the Streams environment Split & Merge Streams re-synchronization Analyze and test new features and optimizations Validate upgrades and patches Monitoring 	CER

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interpreterond hissTPiols, p between schole pr niet t pick while ((1774 = w intbe@mee.pi) % on a StGINT raturne 1	 Announce interventions schedule new intervention using 3D wiki submit EGEE broadcasts register outages in the CIC portal long interventions: contact Tier0 to analyze if it is necessary to split the Streams setup 	
7 now loop writ while(bust EPoc sleep(1) // y fortunsigned) if(bust Pools // it's aite no base Pools	 Unplanned downtime: update Tier0 problem description, progress and expected duration 	
else	Report regularly	
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DM	Tier1 res	pons	ibilit	ies)	C	CERN IT Dep	artment
if the p->steeond- monitor ~ All ~ ATL	Maps * DBs * Streams 9 AS * CMS * LHCb * NEW *	Graphs • Errors • TEST •	Availability •	History D	stats > Overview > WSDB.CERN.CH stances			
/ Rear of pid_t pid_ATLM while ((r	Stream PI.MPPMU.MPG.DE=>INTR.CERN.CH ME.ROMA1.INFN.IT=>INTR.CERN.CH D3R.CERN.CH=>DWSDB.CERN.CH 3R.CERN.CH=>STRMTEST.CERN.CH D3R.CEDN.CH=>STRMTEST.CERN.CH	LCR Cap LCR Enq .6 /s 0 /s .81 /s 0 /s .2 /s 0 /s .2 /s 0 /s .5 /s 0 /s	LCRs Prop LCRs 0 /s 0 /s 0 /s 0 /s 0 /s	Deq LC 1d 0 /s 1 0 /s C /s C 0 /s ID	Name CPU Usage CPU Load Streidwodb1 2% 0.33 apture Processes Name Inst	am Pool Size S 637.5 MB stance Queue Nr Id	ppagation State Ap ENABLED ENABLED ENABLED ENABLED ENABLED	IDLE ① IDLE ① IDLE ① ISABLED ③ IDLE ②
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else	PL/SQL procedure su	dbms_apply uccessfully	_adm.star complete	t_ag	STREME OUTLIE OTDENA A			
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	Tier1 responsibilities	CERN IT Department
Monitor *]	Maps DBs Streams Graphs Errors Availability History SS CMS LHCb NEW TEST Active S Active S Stream LCR Cap LCR Eng LCRs Prop LCRs Deg LC PMPPMU.MPG.DE=>INTR.CERN.CH	Propagation State Apply State State S ENABLED OLE (3)
while (C) BALLON DWS If the C r DWS Polurn: MUONCAL Winterbuck: Poly Winterbuck: Poly Cortumstrated If the C r DWS MUONCAL	#EROMAINENT=NETACERACH 3/4 0/4 0/6 0/6 0/6 Z d3r2 2% 0.04 037 Capture Processes Capture Processes instance ensure you can connect using your strmprop ac (password, connection string) # co strm strm	EAABLED DLE () EAABLED DLE () DISABLED DLE () EMABLED DLE () EMABLED DLE () DLE (
CERN IT Department CH-RUIT Department CH-1211 Geneve 23 Switzerland www.cern.ch/it	ID Name Out Capture Name Status Status Status STRMADMIN_CAPTURE_STREVA ENABLED ENABLED STRMADMIN_CAP_TEMP DISABLED strmprop_cern@db> exec dbms_propagation_adm.start_propagation('STREAMS_strmprop_cern@db> strmprop_cern@db> exec dbms_capture_adm.start_capture('STRMADMIN_CAP_TEPL'SQL procedure successfully completed.	PROP_TEMP'); IMP');



























