

Meeting Agenda / Minutes

Meeting:	CTI EMEA DS SAN Projects and Integration
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Day:	Tuesday	Date:	1 st Feb 2011	Time:	11:00 – 12:00
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Participants			
David Coles (DC)	Carl Williams (CPW)	Simon Gibbs (SG)	Darren Wood (DW)
Sal Ahmed (SA) (chair)		Nigel Chilcott (NC)	

Apologies			
Paul Haynes (PH)			

PRC/Kick Offs/RFP/RFC/Change meetings/Meeting Minutes	Week Commencing
Salauddin Ahmed	31/01/2011
Salauddin Ahmed	07/02/2011
Salauddin Ahmed	14/02/2011
Salauddin Ahmed	21/02/2011
Simon Gibbs	28/02/2011
Simon Gibbs	07/03/2011
Simon Gibbs	14/03/2011
Simon Gibbs	21/03/2011
Carl Williams	28/03/2011
Carl Williams	04/04/2011
Carl Williams	11/04/2011
Carl Williams	18/04/2011
Carl Williams	25/04/2011

Recent Storage GDSE Release Announcements for Review		
Description and Date	Feedback	Reviewer
DMX 3 code upgrade 71 to 73	Planning to raise change for early August, but this may get rejected. This is now just 21 and 22 C&R 9.7 DC to talk to SG offline 28.9 DC still to talk to SG. 05/10: Meeting has occurred, upgrade scheduled for weekend of 23rd October subject to responses from EMC. 26/10: No change has been raised and we are still to agree dates with EMC. 14.12 Expected end of January 04.01 – DPC to advise 11.01 – Scheduled for January 22nd 18.01 – No updates 25.01 – Upgraded to “72” code on 22/01 (CE “ran out of time”). Arranging the second half for completion 5/6 Feb	DC

DMX 4 code upgrade 72 to 73	Planning to raise change for early August. This should be easier to get through. September 18th is the target date. 9.7 SG to submit change. 28.9 Raised changes for 16/10 26/10: Change was pulled as some of the host had the incorrect SAN Stacks. Now waiting for SAN Stack upgrades to be completed. Then change will be submitted. 23/11: Changes have been raised for 4th December, but this is subject SAN Stack Upgrades being completed. 14.12 Rescheduled for 22 January 04.01 – As above – subject to SAN stack upgrade on 15.01 11.01 – scheduled SAN stack upgrade delayed until 23.01, therefore upgrade delayed until SAN stack complete. 18.01 – No change 25.01 – due to GTS change freeze, upgrade rescheduled for 5/6 Feb – confirmed for this weekend 5th/6th	SG

PRC and Kick Off Meetings	
Project Details	Action
No updates from PRC.	

Tasks for RFC Scheduling			
Task	Date	RFC	Scheduled Priority H/M/L
Connectrix Manager 9.7.4 and EOS 9.9.7 Change has been raised for this weekend 29th May. TR planning, but dependent on firewall rules. Firewall rules have been applied, so needs to be tested before upgrade. Still outstanding testing, but we now have a target date of 17th July for first upgrade. Firewall rules have been applied, but there is a communication issue. CPW is investigating. ACL entries need updating so changes will take about 3 weeks complete. CPW discussing this afternoon. 7.9 CPW to escalate to German network team. 28.9 Dan Swan has asked for a different request. CPW to complete. 05/10: Request submitted. 26/10: We have name from network team so we are expecting movement. 23/11: Upgrade all estate to 9.7.4. EOS upgrade was started last weekend in Germany, but only one fabric. UK needs confirmation. 14.12 moved from GDSE announcements to tasks for RFC scheduling. 04.01 – Environment review to be done and RFC to be scheduled Q1-2011 – TBA 11.01 – Scheduled for 22.01 & 29.01 18.01 – Due to migration work, updates rescheduled for 29.01 25.01 – Due to GTS change freeze, updates rescheduled for 5/6 & 12/13 Feb. On hold for this week due to HDS migration work.		CPW/PH	Connectrix Manager 9.7.4 and EOS 9.9.7

DWDM migration of links from McData to Cisco (RDC/CGC) 3 changes for 7th August for CGC to RDC RDF fabrics. Switches not in use with single DWDM link that we plan to move onto Cisco fabric. Block ISL's in RDC to isolate. 14th Repatch DWDM into Cisco. 21st is a contingency. Scheduled for 9th/10th and 16th/17th October. 26/10: Change was pulled and is rescheduled for 14th November. 23/11: This is now postponed until the New Year 04.01 – Nothing to update – RFC scheduled as documented 11.01 – No update – work scheduled as stated 18.01 – No change to stated schedule 25.01 – Reported as still on schedule 01/02/2011 - All completed. No issues.		12804016 (completed) 12812597 (rescheduled to 22.1) 12985403 (rescheduled to 29.1)	
14.12 DWDM between FDC + Welle for stratus 04.01 - CPW to update 11.01 - No update – work scheduled as stated 18.01 – See above 25.01 – Still on schedule Due for this weekend 5th and 6th Feb.	5/2		
14.12 Physical move of DC fiber Cab to move in EDC 5 metres 04.01 – CPW to update 11.01 - No update – work scheduled as stated 18.01 - see above 25.01 – still on schedule Completed in EDC on the 29th Jan. No issues.	29/1		

14.12 Polish Centera upgrade 04.01 – P2P to be raised for hardware, 4 x 8TB nodes, Power ready 11.01 – No update – await completion of financial paperwork 18.01 - see above 25.01 – no movement. Still await financial documentation	t.b.c		
14.12 Centera UK and DE 01 space increase 04.01 - P2P to be raised for hardware for 4 x 8TB nodes 18.01 – still t.b.c 25.01 – Paperwork signed. Date still t,b,c 01.02 Loan agreement has been signed. Delivery due for 12.02.	12/02/11		
14.12 DMX 17 C+R Removals 04.01 – Awaiting 2 host groups to complete testing for migration 11.01 – Sill being arranged. Planning for mid-Feb 18.01 – new schedule – sometime end of March. 25.01 – last server scheduled for migration mid-march due to business requirements A few hosts still pending – 19th March 2011. TBA	March 11		
11.01 – Move Clariion CX4 from 4th floor DC to allow for expansion of RDCHDS02. Provisionally scheduled for 05/02 18.01 – Planned. Await DCSM confirmation of new location 25.01 – on schedule 5th/6th	05/02		
11.01 – Install two Clariion AX4 (one in DE, one in UK) as part of “public folder” applications. Provisionally scheduled for 12/13.02 18.01 – Awaiting SA confirmation of servers to support 25.01 – no update 01/02 – no update – still waiting for details from PM	t.b.c		

11.01 – Management are looking into certifying SAN environment to ISO 9002 standard. 18.01 – Scheduled for end of march 25.01 – updating PCM to include required level of documentation, this will be submitted to auditors by 28.01	March 11		
11.01 – ECC Upgrade to UB9 – required for FAST VP 18.01 – No update 25.01 – on hold until CATE fully certify UB9	t.b.c		
11.01 – SE 7.2 certification / installation – required for FAST VP 18.01 – No update 25.01 – on hold until CATE certify SE 7.2 Redhat hosts being installed and configured.	t.b.c		
18.01 – V-Max in-family code upgrade to 242.191. Binfile for 623 & 678 to create additional datadevs and subsequent expansion and rebalancing of the disk pools 25.01 – Due to GTS change freeze – re-scheduled for 5th 6th Feb	29/01		

Projects				
No.	Description/VPR No.	Status	Owner	Due Date
1	Frankfurt Phase II - Poland phase I migration - MB phase I + II migration - LDN phase II migration	Cisco switches need to be aligned. We have switches purchased via HDS set to be installed in EMC supported SAN's. 14.12 GB to provide update. 04.01 – Nigel to follow up 11.01 – update from NC to follow 18.01 – await information from EMC 25.01 – EMC plan to take over service agreement of HDS CISCO switches – this is still to be confirmed. EMC verifying inventory and awaiting signoff. HDS also to confirm inventory is upto date.	GB	
		AO to provide current switch info. Information provided.	AO	Complete
		GB to discuss with EMC about taking over support. 15/4 HDS ready to go, EMC we are waiting for costs.	GB	28/06/10

3	Stratus	CATE support is also an outstanding issue. Stratus team to discuss with Nigel. 15/4 CATE will not certify stratus connectivity. – needs clarified? CATE asking if a host with a single path will be supported. BIN file meeting tomorrow to discuss next steps. Additional disk to be purchased for FDC & Welle to migrate off existing DMX. New switches to be purchased only. Stratus won't accept SRDF/A latency. PO is being issued this week. Equipment is due to be delivered with first install September 11th. SG to raise Aperture tickets to get management built from reuse pool. 7.9 Disk and cards for FDC + Welle 18.9.10 install SA's raised Aperture for server upgrades. 28.9 EDC/FDC upgrade complete. Welle planned for the 16/10. 2 new mgmt servers going into EDC. 05/10: Change freeze in EDC at moment. Apertures have been raised so will go ahead after change freeze. 26/10: Management servers are installed and S loaded. Waiting for fibre connections. 23/11: Fibre connected. SA building boxes at the moment. Should be done in 2 weeks. 14.12 install complete zoning t.b.c 04.01 – 2 new mgmt servers installed and patched to the silver/Gold switches – full connectivity expected next week. 11.01 EDCSAN-MGT1 installed (incl. SE7.1). Volumes have been mapped to 1st system. Waiting for Stratus team to authorize allocation. 18.01 – Change in to carry out necessary “last minute” changes. BCV testing completed. 1st stage complete by 24.01 . All migrations scheduled for completion end of March 25.01 – on-going on schedule Replication has been set up on Dev/UAT Stratus between EDC/FDC 1st ‘flip’ postponed from Feb to end Q1 12th Feb – cutover DEV/UAT system EDC/IXE into FDC/RDC	SG/CP W	
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		As this is now looking not to be supported by CATE it needs to be raised on Controls weekly call. Outstanding	GB	Complete
6	Forsyth Project	Clean ups completed at the weekend. Outstanding actions with David Westcott and Alan Grantham for frames 9 and 10. 9C to go onto new VMAX. 9R to look to go into later current frames. 10C to go onto VMAX. 10R to look to go into later current frames. Disks from HDS egg frame will be installed in HDS01, an expansion bay is required. Once installed 10R and 14R will be migrated. 7.9 dependant on 13R 14/12 17 C+R still to go – in January 11.01 – Still on-going 18.01 – removal of 17C+R covered earlier in this document . This item can be closed	PH	Ongoing
7	ESRS	GB to follow up with NA and also EMC. 15/4 VMAXs now dial out. HDS 64 bit w/s need to be deployed. One ESRS box in use, secondary pair in Germany will be activated next. Other two gateway servers will be activated. Policy manager servers will be activated to a near live state. Issues have been reported on ESRS so we are investigating, but gateway is only working through London. GB and compliance to agree on non CATE certification. GB working on reconciliation with EMC. Possibility to move current pair into production. CPW to update. 7.9 CPW kicked off pair into production. 28.9 No update. 26/10: May now hold back for new version as this as Policy Manager integrated. 14/12 No Update 04.01 Awaiting CATE guidance to deploy ESRS2 11.01 – Still awaiting direction from CATE 18.01 – CATE have issues with the way EMC install the product. Awaiting software package from EMC. 25.01 – no update. Se above (ESRS ver 2.0 Policy Manager is being considered to be added)	CPW	

8	Storage infrastructure/ Migrations to VMware	Dependent on ESRS 04.01 11.01 – action to SG & CPW produce documentation 18.01 – SG & CPW committed to producing documentation this week. 25.01 – no update	CPW	
9	SANScreen	LH to follow up with Egg rollout. Still waiting for servers in Derby. 15/4 Still waiting for Mark Barnes – action Gary. 7.9 No update 05/10 GB to chase Mark Barnes again. 04.01 – GB chased - update to advise 11.01 – Thomas Weise has been assisting Mark Barnes with installation. Planned UK upgrade to version 6.1 has been pushed back to Feb. This affects our POC of Capacity Manager 18.01 – Still on-going 25.01 – no update Get update from Thomas Weise 01/02/11 - VMAX TDEV's not being reported on current version – therefore not able to perform capacity planning (for reservations). Information a still a bit fuzzy from CATE if proposed version of 6.1 will meet our needs. DPC to forward relevant details to Nigel and Nigel to follow up with Chris Welland (Global Head of Storage Engineering).	GB	Ongoing

21	POD	As more switch ports are required a similar buffer proposal needs to be reviewed with EMC and HDS to discuss Ports on Demand. NC to chase up vendors. 7.9 Consider no of ports required for TTM – 120 servers coming only do we have the capacity? Vendors needs a proposal from us. This has a dependency on us being a one vendor fabric site (EMC) 14/12 Conversation to be had with EMC again. 04.01 – PH & Nigel & CPW to discuss 11.01 – Discussions still on-going. Next round of talks will be with the vendor 18.01 – On Hold until Scott Hunter (vendor) up to speed 25.01 – no change from last week 01/02 – NC to discuss with EMC	PH/CPW	Ongoing
23	STAR Frames	Look at reuse of some of the unused storage for other uses. 10TB has been suggested which is 50% of available. Team to consider options. SG to drive formalisation. Will update at meeting on 7th June. 7.9 Gold SAN not to be put into pool for use unless customer wants to pay for it. 28.9 SG to look at releasing up to 50%. 14/12 BAU Team to add additional luns to groups. 10tb in scope. 04.01 BAU to advise 11.01 – Advise BAU to add “extra” when business asks 18.01 – Confirm with BAU how this “extra” disk is to be applied to STAR groups. 25.01 – still no change 01/02 – still on hold	SG	On Hold
24	Update SAN MGT workstations to Red Hat Linux and SE 7..2	25.01 - Require	PH	

25	HDS Storage Purchase August 2010	Storage decision has been made and HDS have been selected. CPW spoke with DCIP last week. Space in CGC available with Power and Fibre. FDC, the additional cabinet will be okay for space and power should be okay. This is the last expansion on this frame as no room for 5th cabinet. RDC, looking at two options, expanding HDS02 or just do the deployment. In discussion in DCSM. 7.9 CPW to raise a meeting to discuss. 28.9 CGC/RDC shipment cannot be received during change freeze. 05/10: Deliveries complete. Try to raise a change for this weekend to for RDC disk install and putting new frame in new location. Low level design and config documents have been provided by HDS and SA will review with the team. SA workshop booked in Warsaw. 26/10: Loan ports have arrived and will be installed tonight. Pilot migrations on 10 hosts next week. 23/11: 22 migrations completed at the weekend, more scheduled for this weekend. 14/12 60% of migrations complete 04.01 no update 11.01 – work re-commences weekend 15/16.01 (after xmas break). Stage one of migrations scheduled for completion end of Jan. RDCHDS02 expansion dependant on the CX4 move (as mentioned in earlier section) 18.01 – Work on-going - Final migrations scheduled for 29.01 25.01 – final migrations need to be rescheduled due to GTS change freeze	SA	
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26	Turkey	Due to regulatory requirements two new DataCentres are to be built in Turkey and all processing of Turkish related data has to be moved to these sites. This initiative has to be completed by 2012, although Citi are planning to have all done by end of 2011. SG is to be point of contact. Application list is available, 142 applications. List is with Pat Fogarty at the moment. 28.9 Ongoing requirements gathering. 14.12 Decision go/no is with the regulator. 04.01 No Update as above 11.01 – No updates. – still with regulator 18.01 – see above 25.01 – no change	SG	ON HOLD
27	CGC2 Exit Phase2	New item 28.9 DW to be involved in host migrations. 26/10: No update 14/12 EQ RMS taking priority over CGC2 exit 04.01 No update, but EQ RMS scheduling COB testing prior to final migration. 11.01 – COB tests still outstanding. 18.01 – No update 25.01 – No update	DW	
28	IXE/EDC exit	Resources now coming on board. Need more detail as to what is expected from us. NC to meet with PF and PM's once identified. 14/12 RDC Expected 15/2, EDC + FDC parts not ready – expected 23/12 04.01 To update accordingly 11.01 – weekend 15/16.01 power upgrade of new array in EDC. Fibre purchase is still with Dave Westcott. FDC financial paperwork is still with Dave Westcott. 18.01 – New array successfully powered up as scheduled. DC work in RDC& FDC (power & floor) scheduled for 22.01 pending completion of DC pre-reqs 25.01 – DC pre-req work complete in RDC. Array power-up scheduled for 29/30 Jan. FDC still awaiting PO for everything. EDC awaiting PO for fibre cabling. 01/02/11 - VMAX now powered up. Delay in procurements. Three weeks time lag. 01/02/11 RDC/FDC – three weeks time delay. Four to five weeks before any allocations.	CPW	

AOB	AOB	List of Steve Tweene activities to be collated by Sal 04.01 – Expected on site 05.01 11.01 – Activity list compiled by SA. Sent to NC Cisco Monitoring update required 04.01 – DW to advise 11.01 – Paperwork raised just waiting for confirmation from monitoring team. 18.01 – A lot of groundwork has been done. Decision is to use ECC. Decisions have to be made RE: the handling of the alerts generated. 25.01 – tests will be carried out by sending alerts to command centre UAT environment. Testing scheduled to start by 29 Jan – DW to provide update Centera Issues – nodes filling up with space. 04.01 – Voice issues found, changes rolled back but will be reviewed in the new year. 11.01 – no current plans to revert to high storage usage. 25.01 – No update RCSA begins again in February 11.01 – Sal to co-ordinate 18.01 – Sal still awaiting a “volunteer” 25.01 – Andy J has generously volunteered for this 01/02/11 Storage Reclaims: Star Health Checks BAU (Ade) – checking all the Star groups. Storage Offsite update from Nigel. SAN Analytics – in house product. CATE will be reviewing and rolling out globally. CEEMEA processes moving over to EMEA – therefore, businesses will be moving over to our region, starting with Mainframe and then Distributed storage, etc..	
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Topic		Closed Actions	Owner	Status
2	GDCS: - I series	Project scope has changed and they will now be using STAR rather than cascaded SRDF. Reconfiguration of the FA's is required. Bin file change, info has been provided to EMC. Current Bin Files and Frames are being locked. Scheduled for next week. Monday 15th March when iSeries has to be ready. Confirmation received from EMC that bin files have been applied. Awaiting confirmation on host cabling. A pair of FA's repatched to switch. Not done as yet. Complete 15/4 star configured for ECB6. Testing to take place iseries to test. Complete RDC VTL - Ruby connections not coming up IBM due onsite. – Completed and resolved.	SG	Closed
		Zoning VTL's in RDC outstanding		
		Problem with one LPAR. This is being investigated..		
		Team to perform functionality test with SAN team. SG to track and provide updates. Testing complete on ECB1. Awaiting update. New schedule listed.  FW AS400 LPAR migrations update.ms	SG	Closed

		First migration due for ECB6 in June. Will perform Dry Run, Test Run and Live. SG to forward full migration schedule.  EMEA New Data Centre Project i-Series VT for the POC is 24956102; this has the POC document attached. 19th June – Dress Rehearsal – Completed with no issues. 25th June – Go Live SG to issue documents and sit down with BAU team to ensure they are aware. SG not available both days so SA will cover. First LPAR (ECB6) went live on 25th June	SG	Closed
3	Stratus	Meeting is scheduled for this week to discuss addition of 32 drives into iSeries box. SG/SA to provide update at next meeting. Another meeting this afternoon with iSeries team to discuss this further. Design now agreed.	SG/ SA	Closed
		Stratus team still waiting to decide whether they come onto open systems. Also support issues need to be defined in BAU.	NC	Closed
4	Etrust/SEMS	This has been on hold. Next work is to move Centera reviews into SEMS. AO to provide update. Changes in this week with work scheduled next week. These are due to be complete Friday 12th March. Centera now live.	SA	Closed
		Centera reports are not live. Application is in, but reports are not being produced as designed. Reports are now being produced and are being reviewed.	SA	Closed

5	ECC upgrade. UK and Germany	6.1 upgrade currently scheduled for Mid April. Issues with master agent monitoring is with CATE. There are 125 hosts with no master agent. Emails have been sent. 300 agents have been identified. LH to provide update at next meeting. Still waiting for feedback from ICG. – Still outstanding. Work still ongoing and LH is chasing. Patching still ongoing this week. Should be complete by next week. On the back of this feedback look to put RDC in the Lab and start upgrade testing to 6.1	LH	Closed
		WLA is broken in RDC and a change is being raised. LH to look to see if an emergency can be raised,	LH	Closed
		DBA agent rollout still in progress. – This is now on hold.	LH	Closed
		FDC will be upgraded first. Issue with host name caused the install to be cancelled. Is in the process of rescheduling. FDC now complete apart from Storage scope. This is scheduled for week commencing 12th July and will last two weeks. We do not have enough space on the drive in CGC and RDC. This is local disk and a VR has been raised to upgrade drives. – Still waiting for Wintel Corp to update on server upgrade. Still outstanding. FDC has discovery issues with HDS arrays. CGC/RDC has had a full backup this week. EMC are now importing into lab to check consistency. Once conf received we will rebuild all servers to Windows 2003, then install to ECC 6.0 and then upgrade to 6.1. Servers are now rebuilt. CGC+RDC upgraded to 6.0. On target to complete mid October. 05/10: CGC and RDC are at 6.1, CGC will be upgraded UB7 today and RDC will follow shortly after. Then complete patching. 26/10: Upgrade complete in London and Germany. Just completing discovery. 14/12 Closed	LH	Closed
9	SANScreen	Upgrade to version 5.0 is outstanding as 32 bit SPACS are not yet certified. LH to follow up. Now in packaging. Should be available this week	LH	Closed
		FDC now in prod. Needs to be put back in Dev. - Complete.	LH	Closed

10	Migration of SWANN Tier1 to Tier2	Still outstanding. AO to follow up. Design document has been released. CATE have raised concerns. Dave Hollingshead to arrange meeting. Meeting took place today. CATE are satisfied with changes. Looking at Q2 for work completion. 15/2 With Networks to make Config changes.	CPW	Closed
11	Fairfield	No update		Closed
12	New DC module deployments in FDC/RDC	Change in this weekend for switch 1B. – Complete If new requirements come in, new switches will be required. RDC will have two additional switches this weekend 29th May. – Complete FDC will get update from CPW. Closed and rolled into Frame team requirement	PH	Closed
13	CGC2 Exit (new project) /tech refresh	All aperture tickets for this have been raised, but cannot be submitted because of a problem with Aperture 600. – No update on this as yet. Has been escalated to Steve Snell. Developers managed to provide ability to add multiple fibre connections. CPW to revisit the tickets now.	CPW	Closed
		Buffer capacity delivered at RDC, CGC rescheduled for next week. Shutter issues. Still an issue so not been delivered as yet. AO escalated to David Westcott. No update AO to chase.	AO	Closed
		Repatch of CGC san management 2 this weekend. – Complete	SG	Closed
		7.01 upgrade ongoing. – All RDC, CGC and FDC are now complete.	SG	Closed
		Data gathering for SAN Pulse this week. Planned to be complete today.	TR	Closed
		Awaiting SNMP update from Tim	TR	Closed
		All hardware moves have been completed.	CPW	Closed

14	Exchange 2007	Public folder PEP approved Revised design that needs reviewing. Moving away from 146GB to 300GB' Awaiting procurement decision. Still discussing chargeback options. PO has been raised, and there is a meeting today to discuss deployment timelines. RDC and FDC installation needs arranging. Aperture tickets have been raised. 7.9 CX4 configured and allocated problems in RDC with EMC.	SG/PH	
		Installation this weekend at RDC. Complete		Closed
		FDC kit has been installed. Complete and will be configured over next week.		Closed
		Two AX4 per site. Complete		Closed
		No power for CX4 in RDC. Just awaiting delivery of additional cabinet. Cabinet due to be installed Thursday 2 nd Sept.	PH	Closed
15	Moscow DWH	BOM provided to Vladimir and Fedor. They will now get quote. SG to email Vladimir and Fedor. Equipment has been purchased and now looking to install. SG to liaise with team in Moscow. SG in contact with team in Moscow with regards to rollout and disk layout. SG to include SA on this. 28.9 HBAS moved for COB to Prod. SG to confirm when this will be live. 05/10: HBA's moved and they are now live. Only Prod has gone live. 26/10: Still waiting for other HBA's. 23/11: HBA's replaced now complete.	SG	Closed
		Kit has been delivered and engineer is being arranged for back end of this week or early next week. 05/10: Due today.		Closed
		Discuss ongoing support with team in Moscow. SA not in so SG will take over. Communication going out this week. 28.9 SA sent mail to Moscow – to be followed up. 05/10: SA to follow up. 26/10: SA to get confirmation from that they are happy with support model.	SA	Closed

		Storage being configured this week, but at the moment all servers only have one HBA. Second HBA's have been requested. Configuration has completed, just waiting for the additional HBA's. Still O/S	SG	Closed
		Need to liaise with EMC for ESRS functionality. Complete	SG	Closed
16	Welle Mini Storage Dep.	Provide update for next week. CDA and PEP now approved. As above. Apertures are arranged, patching scheduling complete. Still O/S Local team will patch with Aperture issue still outstanding, CPW to follow up. Cabling aperture fixed to be operational in 7 days. 28.9 Zoned – EMC to complete Config tasks – after change freeze. 26/10: Complete	CPW	Closed
17	IBM Optim POC	Vendor presentation is being planned. – Complete. POC has started with SAN allocation of 300GB on SAN. GB working with CATE to look at options for the backend archive storage. POC still Outstanding.	GB	Closed
		There are now outstanding questions around what they want to use the tool for. Saleh Ahmed is setting up another meeting to discuss. GB to update.	GB	Closed
18	TP + ZPR	Metrics – from VMAX required ASAP. Lack of data right now but we need to start producing metrics. Data is available to report on TP, but ZPR has not been initiated. SG to check if we can issue weekly reports on TP. Over subscription of 180% and this is being monitored at the moment.		Closed
19	Egg Derby HDS Array	Project migration planning. SPIT team member to be assigned to the project. Project kicked off, but ongoing issues around obtaining data.		Closed
20	PCM Updates	Regular updates required. SA confirmed that non had been received. Team to review by COB 11 th May 2010	All	Closed

22	Dedicated switches for frame team	Options are being looked at where the frame team purchase a dedicated switch for their use. We need to be aware if this impacts chargeback at anytime. Next purchase from frame will include four switches and subsequent purchases will be 2 switches. PO due out within the next week. Go Live dependent Nexus upgrade 7.9 By EOW will be able to add GEN3 costs to PEP – on track. 28.9 CGC1 – missing 4 line cards. Cabling not in place anyway. RDC lines cards being chased with EMC. On track for 2- 3 weeks. 05/10: CGC is now ready. RDC due for the end of this week. FDC install being arranged at the moment.	CPW	Closed
23	HDS USPV Replicated arrays, command device vulnerability.	26/10: Microcode upgrade required, but not approved by CATE. Level required 60-07-52-00/00 and will be certified very soon. SA to track. 23/11: Now approved by CATE (Email from Gary Johnson, RFP will be out shortly). 3 of the 4 frames will be done this weekend. The fourth frame is on hold whilst the migrations are ongoing.	SA	Closed
24	Mainframe Replicated Connectivity	Mainframe team approached for additional connectivity for the EDC/IXE migration. For migration requirement will be temporary, but long term connectivity will be required between FDC and RDC. CPW working with CATE. In PEP requested additional line cards for all sites as reserve. PEP has gone through. 28.9 Cards on the way to EDC. Cabling aware of requirements. 26/10: All hardware installed and links configured. VSAN setup and connected. This week DC to RDC connectivity will be done. This will be followed by Welle connectivity. 23/11: EDC to FDC, EDC to RDC all done. Still outstanding Welle to RDC and this should be done this week. 14.12 Complete	CPW	Closed

	SANScreen	FDC has a data source problem, but nearly complete. Complete CGC and RDC to be scheduled. Complete Courtney McLune to work on violations. Bryan Hoffman in this Thursday to assist. LH to do a WebEx to whole team. Complete 7.9 LH to discuss violation reduction process. CNX Mgr issues to be resolved. 28.9 still outstanding 23/11: Now under BAU	LH	Closed

Next Meeting:					
Day:	Tuesday	Date:	1 st February 2011	Time:	11:00 – 12:00