



*EIAL / Florham Park, NJ  
ES & SCM Teams*

## **ES Project/Downtime Tracking Log**

**(Covering All Downtimes and All Project Work Done in Tony's Group)**

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### **Preface**

- Purpose:** 1) *To be the single place where all ES “project” work (for both SCM-related and pure ES work) is managed: identified, described, scheduled, and tracked.*  
2) *To be used as the basis for discussion at the weekly ES meeting.*  
3) *To be the primary source for information on “project status.”*  
4) *May also be used to gauge the workload of the ES group.*  
5) *As of July 2001, to log [unscheduled downtimes](#).*
- Audience:** *Tony Bartolomeo’s group (both ES and SCM teams).*
- Location:** *This document currently lives in [the common ES-SCM document directory](#) and a copy can be viewed by clicking on the link named +ES-Project-Log.doc in that directory.*
- Related Documents:** *Individual project documents, used for details about each project, are maintained in [the common SCM-ES document directory](#) and referenced, usually with Word™ hyperlinks (which can bring up the referenced document and jump to a particular section—nice) in the table entries of this document.*
- Updating this doc:** *This document can be updated by anyone in the scm-es Unix group, which includes most members of the [ES](#) and [SCM](#) teams. However, organizational changes, and addition and movement of projects in the tables, should be done only by the “authors”; others should restrict their changes to updates to the **Description** and **Status/Comments** fields of projects they are working on. If you are new to using Word, you might find Tim’s [hints document](#) helpful.*
- Version:** *Used at 30-May-2001 ES meeting for first time.  
Will be updated often to track status of all work, so no versioning is used—see page footer for the date of the current copy—this is the date the file was last saved.*

Managing the work being done in the ES group has become more difficult as the workload has increased and priorities get changed regularly. The current web-based project tracking has some limitations as well, and so this document is an attempt to address these issues. Please send comments to the authors if you have any comments or suggestions on how the document is structured or used.

## Table of Contents

<b>1. <a href="#">Next Downtime</a></b>	<b>3</b>
<b>2. Work Being Done Currently</b>	<b>4</b>
2.1 <a href="#">SCM-ES Work (Current)</a>	5
2.2 <a href="#">ES-only Work (Current)</a>	6
<b>3. Work Needed/Identified But Not Yet Scheduled/Started</b>	<b>8</b>
3.1 <a href="#">SCM-ES Work (Unscheduled)</a>	9
3.2 <a href="#">ES-only Work (Unscheduled)</a>	11
<b>4. Work Completed</b>	<b>12</b>
4.1 <a href="#">Scheduled Downtimes (Completed)</a>	13
4.2 <a href="#">SCM-ES Work (Completed)</a>	14
4.3 <a href="#">ES-only Work (Completed)</a>	17
<b>5. <a href="#">Unscheduled Downtimes</a></b>	<b>20</b>

# 1. Next Downtime

This section and table is used to accumulate notes on the tasks that we need to do during *the next scheduled downtime* (normally Thursday evenings). Tasks that are completed are copied/transcribed to [§4.1, Downtimes \(Completed\)](#), so that we have a record of when and what we have done with downtimes.

The Type column is just to help qualify the kind of work. Choose from the values: {HP-UX, SCM, hardware, software, networking, NT, DR}.

August 2001							September 2001						
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S
			1	2	3	4							1
5	6	7	8	9	10	11	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28	29
							30						

Next Scheduled Downtimes	
Aug 16	Thu 6-10PM <i>[NOPE, not needed]</i>
Sep 21-22?	weekend downtime <a href="#">for AutoRAID maintenance</a>

?

#	Type	Description (include link to project document, if any)	Machines Affected	Owner	Team (in addition to owner)	Status / Comments
1.	hardware	Firmware upgrade to address service light on Nike device.	view3	TerryB		Can do if we move non-VG00 devices to AutoRAID and isolate VG00 on the NIKE only if Ignite Restore is possible with that configuration.
2.	hardware	<b><u>Ongoing effort across several downtimes:</u></b> <a href="#">Stage Systems to address AutoRAID service note A3700A-11 and other maintenance</a>	many!	TerryB	JimU	Individual disk firmware updates were completed by Monday, June 11! Next phase will be data migration.
3.	HP-UX	Adjust system swap space as needed. See the <a href="#">item</a> later in this document for a description.	1 <sup>st</sup> : VOB servers; 2 <sup>nd</sup> : view servers	TerryB	SusanA, TimG	Awaiting TimG's investigation into proper UXSCM-sanctioned swap space configuration settings.
4.	software	4 old support items, some on e1m fixes.		SusanA		
5.	HP-UX	Latest UXSCM-sanction patches due on all regions in late September (it will have been 3 months since last ones).				

## **2. Work Being Done Currently**

The 2 sub-sections in this section are for work “being done currently.” This means that the work is getting some hours each week, has not been deferred, etc.

## 2.1 SCM-ES Work (Current)

This section and table is used to track work directly affecting the SCM team or ClearCase environment.

Items are moved to the completed section (§4.2) when they are done!

Note that the Rough Est. of Effort column gives the owner's current estimate of staff-hours or staff-days; *elapsed completion time is of course longer!*

SCM-ES Work (Current)											
#	Priority	Rough Est. of Effort	Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Status / Comments
							Conceived (originated?)	Due	Started	Completed	
1.	H	1 day	<i>nj1mshub Flaky and Must Be Upgraded</i>	<p>During the July 12 downtime, the nj1mshub machine experienced /usr/lib problems that reminded us of the Dec 1999 necmshub problems. We think we should replace this machine ASAP with one with a "good" HP-UX 11.0 installation.</p> <p>(We will use the machine made ready in the spring to replace htcmshub for the new nj1mshub, and then re-install the "old" nj1mshub with 11.0 and use it for the "new" htcmshub (leaving the current htcmshub for re-use).</p>	TimG	TerryB	2001/07/12	ASAP			<ul style="list-style-type: none"> <li>Aug 16: Terry moved the machine waiting to be htcmshub to the HP region and named it install1, ready for TimG ClearCase installation.</li> <li>Aug 17: TimG did not have time (due to CMM work) to install ClearCase on install1 and so this will wait till he returns, unless Michael wants to do it using §4.6 of my <a href="#">ClearCase machine setup document</a>, with Doug as a backup—this should be straightforward for him.</li> </ul>
2.	H	10 days	<i>2<sup>nd</sup> ClearCase Ring for HP Region</i>	<p>Setup and configure the hardware for the 2<sup>nd</sup> HP region:</p> <ul style="list-style-type: none"> <li>3 N-class machines with 11.11 that will be used for VOB servers in that 2nd region.</li> <li>3 L-class machines we ordered in 3Q2000 as 11.0 (not 11.11) view server machines.</li> </ul> <p>All 6 machines need AutoRAID's with 36 GB (or larger) drives. See the <a href="#">project document</a> on this 2<sup>nd</sup> ring.</p>	TerryB	TimG, MichaelD, SusanA, RogerA	<u>2000/09/01</u>				<ul style="list-style-type: none"> <li>The 3 N-class were loaned to Cupertino, two were returned to EIAL in August. Third was accidentally shipped to Roseville and is on the way back per Cindi Schell.</li> <li>May locate this cluster of systems near network racks (location AV,46)</li> </ul>
3.	H	3 days	<i>Swap Space Adjustments</i>	<p>The ClearCase machines have inadequate and inconsistent swap space configured. This makes them vulnerable to performance problems. See the <a href="#">project document</a> for full details or problem and solution..</p>	TimG	TerryB, SusanA	2001/04/30	ASAP			07/12/2001: The exact changes to be made still need to be defined. Tim will update the <a href="#">project document</a> .

## 2.2 ES-only Work (Current)

This section and table is used to track work that does NOT directly affect the SCM team or ClearCase environment.

Note that the *Rough Est. of Effort* column gives the owner's current estimate of staff-hours or staff-days; *elapsed completion time is of course longer!*

ES-only Work (Current)											
#	Priority	Rough Est. of Effort	Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Status / Comments
							Conceived (originated?)	Due	Started	Completed	
4.	H0		<i>Site Audit Preparations</i>	Prepare site for corporate audit including IT and Business related functions.	SusanA			2001/08/31	2001/05/25		<ul style="list-style-type: none"> <li>05/25 Medusa, BSTO checklist</li> <li>send notice to users</li> <li>Documented personnel exceptions</li> <li>Need to assign audit items to sys admins</li> </ul>
5.	H		<i>New DNS Servers</i>	Move DNS services from older hardware ( <i>odin, hpnj1</i> ) to a pair of A-Class machines (180)	MikeP	SusanA	2001/05/15				<ul style="list-style-type: none"> <li>HP-UX 11.0 installed on both boxes (SPIN and SLIP) in a limited access manner.</li> <li>Configuration in progress.</li> </ul>
6.	H		<i>Ignite Server Recovery</i>	Document and test server recovery process	RogerA	TerryB		2001/09/15	2001/05/24		<ul style="list-style-type: none"> <li><a href="#">Project Plan</a>, 05/18 1<sup>st</sup> draft completed</li> <li>Draft #2 06/04</li> <li>Test of a view3 restore to an unused K420 with Nike root device succeeded. Further process testing required.</li> </ul>
7.	H		<i>Budget</i>	Research and orders	TerryB	TimG, ES team		Quarterly			<ul style="list-style-type: none"> <li>Q3 Capitol orders placed on by 06/14/01</li> <li>ES prioritized list of 2002 budget needs completed 7/18/01.</li> <li>Cisco costs verified - Q4 order to be placed by 8/17</li> <li>All Q4 orders have been placed.</li> </ul>
8.	M		<i>OpenView Monitoring Tools</i>	automate routine system admin tasks.	SusanA	SteveL	1999	2001/09/30	2001/05/01		Scope defined as of 5/15

ES-only Work (Current)											
#	Priority	Rough Est. of Effort	Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Status / Comments
							Conceived (originated?)	Due	Started	Completed	
9.	M		<i>Ignite Service Re-Architecture</i>	<a href="#">Migrate and compress Ignite services</a>	TimC					NJL 6/20 HTC 7/30	<ul style="list-style-type: none"> <li>09/07 NEC due – migration to an R-Class server in progress.</li> <li>HTC completed</li> <li>06/20 NJ cleaned up &amp; brought to project specs</li> <li>NEC machine reinstalled 8/22 due to 11i OS corruption.</li> </ul>
10.	M		<i>Document OmniBack Admin Tasks</i>		TerryB	RogerA		2001/11/15			<ul style="list-style-type: none"> <li>Document Backup support procedures</li> </ul>
11.	L2		<i>Configure ES IA (Lion) box</i>	Configure a LION box to provide ES production services.	RogerA	TerryB, Susana					<ul style="list-style-type: none"> <li>11i HP-UX OS installation on the LION box will serve as a application server for now.</li> <li>AutoRAID devices are not looking like an option but SC10 devices are supported.</li> </ul>

### **3. Work Needed/Identified But Not Yet Scheduled/Started**

The 2 sub-sections in this section are for projects that has been identified, perhaps even broken down into known tasks and assignments, but not started or definitively scheduled with a deadline. This means that no one is currently working on the project to any significant degree.

### 3.1 SCM-ES Work (Unscheduled)

This section and table is used to track work that directly affects the SCM team or ClearCase environment.

Note that the *Rough Est. of Effort* column gives the owner's current estimate of staff-hours or staff-days; *elapsed completion time is of course longer!*

SCM-ES Work (Unscheduled)											
#	Priority	Rough Est. of Effort	Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Comments
							Conceived (originated?)	Due	Started	Completed	
12.	H		<i>System and AutoRAID Re-Racking</i>	The Summer 2000 ClearCase hardware upgrades left a final step undone—ensuring that the new AutoRAID with the VOB data was racked with or close to the server it is connected to (some were left on the floor). This may involve movement of VOB's from one VG to another. The need to cluster machines by network region adds to the scope of this project (refer to project item to "Add Production Network Ports".)	TerryB	JimU, TimG, SusanA	2000/8/01	Ongoing			<ul style="list-style-type: none"> <li>Need an updated <a href="#">Project Document</a> for this activity.</li> <li>Progress will depend on receiving additional 2-meter racks and Cisco hubs to be deployed throughout the lab, plus the installation of additional power whips (equipment to be ordered by Q4-08/17.)</li> <li>The <a href="#">AutoRAID Service Note</a> project guidelines will be applied.</li> <li>Weekend downtimes may be required (9/22?)</li> </ul>
13.	M	20 days	<i>A-class NIS and Home Directory Machine for Partner Regions</i>	SCM downtime prevents partner staff from accessing their e-mail, and can also hamper the SCM admins from easily doing their job, because the FPK SCM tools directories live on a VOB server. So, we need to figure out the complete problems, issues, and right solution steps for the moving NIS (and DNS?), SCM tools, /usr/local/bin (etc), and home directories onto a non-ClearCase machine, which we figure will be an A-class.	SusanA	TerryB, TimG	2000/03/01	2001/12/31			<ul style="list-style-type: none"> <li>Two A-class machines available will be deployed by end of 2001, preferably.</li> </ul>
14.	M	5 days	<i>JFS 3.3 on all ClearCase Servers</i>	Ever since we first installed VxFS 3.3 (JFS 3.3) on some ClearCase machines, we have not been consistent in how it is installed, configured, licensed, and used on the entire set of ClearCase machines.	SusanA	TimG	2000/12/01				
15.	M	4 days	<i>Replace the Learning Products ClearCase machine balboa</i>	The machine the LP groups uses for ClearCase work, balboa, lost a disk after a power failure on 9-July-2001. It took almost a week to recover. It's time to make this machine a <i>production</i> machine of some kind. See the <a href="#">project document</a> .	SCM-ES	TerryB, TimG, DickH	2001/07/23	???			Overall status is recorded in the <a href="#">project document</a> .

SCM-ES Work (Unscheduled)											
#	Priority	Rough Est. of Effort	Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Comments
							Conceived (originated?)	Due	Started	Completed	
16.	L	20 days	<i>Upgrade NEC and Hitachi ClearCase view servers x</i>	The FY2002 budget includes capital funds to purchase L-class machines for use as ClearCase view servers in the partner regions. Since the partner companies work only on the IA release, we are assuming that they do not need to keep a 10.20 ring and can be moved to an 11.x ring when the hardware is ready. See the <a href="#">project document for the 2nd ring for the HP region</a> for related information,	TimG	Terry, Susan	2001/07				
17.	L	5 days	<i>Active Spare Hardware Setup</i>	Get 1 or 2 servers, and 1 AutoRAID, installed and configured for quick swapping with any possible troubled machine.	SusanA	TerryB, TimG?	2001/01/01				
18.	L	5 days	<i>View Server automount</i>	This effort was begun in 1999 to properly configure the automounter to handle views and view servers properly using <i>with auto.viewNIS maps</i> , as is done in Cupertino.	SusanA	TimG	199c9				We got sidetracked.
19.	L	3 months	<i>NCR BPI Project</i>	Establish <i>new partner company region</i> for NCR.	SCM-ES		2001/05	Fall/Winter 2001			<ul style="list-style-type: none"> <li>Project involves ClearCase, Web, and Mail services.</li> <li>NCR site will be San Diego, CA..</li> <li>Reinstalled scm1((K420) to donate to NCR (off-site.)</li> </ul>
20.	L		<i>BPA Network Redesign</i>	Improve data flow and maintainability. Concerns the corporate "bubbles" project.	MikeP		2001-Apr	2002			Redesign Proposal submitted (Use for NEC DMZ)

### 3.2 ES-only Work (Unscheduled)

This section and table is used to track work that does NOT directly affect the SCM team or ClearCase environment.

Note that the *Rough Est. of Effort* column gives the owner's current estimate of staff-hours or staff-days; *elapsed completion time is of course longer!*

ES-only Work (Unscheduled)											
#	Priority	Rough Est. of Effort	Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Comments
							Conceived (originated?)	Due	Started	Completed	
21.	H		<i>Add Production Network Ports</i>	Co-locate machines to isolate networking.	Terry	MikeP	2001/06/30				<ul style="list-style-type: none"> <li>This is one part of the production re-racking effort.</li> <li>Need to isolate networking so that access servers (labcat type catalysts) can be used to maximize networking ports.</li> <li>Note: most NJL CC traffic happens between Views and Vobs in the NJL region.</li> <li>Gigabit cards will be added to both sides of the network's dual backplane.</li> </ul>
22.	M	4 wks	<i>Create an AutoRAID Controller FW Upgrade Process</i>	Create a process to upgrade AutoRAID controller firmware that does not compromise data integrity.	Terry		2001-Aug				<ul style="list-style-type: none"> <li>Need to create an AutoRAID controller firmware upgrade process which can be utilized during downtime maintenance if necessary.</li> </ul>
23.	M	1 week	<i>Enhance Production Console Services</i>	Define new Cyclades TS2000 terminal server support procedures and document for ES staff use.							<ul style="list-style-type: none"> <li>Remove production names from Tacas database if not applicable.</li> <li>Create a means to view console status, and clear.</li> </ul>
24.	M		<i>DR Plan Audit and Enhance</i>	draft of Changes for Recovery Procedures	TerryB						Not scheduled.
25.	M		<i>Web Server Documentation</i>	Document Web procedures for team coverage	SteveL			On Hold			delayed
26.	L		<i>Document Network Admin Tasks</i>	Document network support procedures	TerryB	SteveL					<ul style="list-style-type: none"> <li>Draft document completed.</li> <li>Document completion not scheduled.</li> </ul>
27.	L		<i>New OmniBack Server</i>	Update from v2.55 10.20 to v3.50 on 11.0	TerryB	RogerA					delayed

## **4. Work Completed**

The sub-sections in this section are for scheduled downtimes and projects that have been completed. This is for historical purposes only. Data is moved from §1 and §2 to this section when the corresponding work is done.

## 4.1 Scheduled Downtimes (Completed)

This section contains a record of what and when we have done during [scheduled downtimes](#), since May 31, 2001.

This table is sorted *in reverse order by date*.

#	Date	Type	Description	Machines Worked On	Comments
1.	<a href="#">12-July-2001</a>	HP-UX	Latest Tier1 patches for machines not getting them on June 14.	view4, necmshub, necbox1	No problems.
2.		SCM	Install latest <b>jazz</b> patch, B.00.01 P7.	16	No problems.
3.		HP-UX	UPS Shutdown Tuning	necvob2	Susan tested a plain shutdown of necvob2 (with no connection to the UPS trigger) and found that it does not shut down all the way. An HP Tech will need to be called to see if this is a firmware problem.
4.	<a href="#">14 June 2001</a>	HP-UX	Update ClearCase servers to latest UXSCM Tier 1 patches.	all but 3 or 4	Local and Partner FPK patch depots reset as of 06/13/01
5.		DR	<b><u>Ongoing effort across several downtimes:</u></b> <a href="#">Test BEST UPS shutdown server solution</a>	NEC ClearCase servers	Re-tested NEC view and VOB servers–1 of 2 VOB servers still delayed but acceptable
6.		SCM	Our VOB's had inconsistent mount options coded in the VOB registry file and needed to be made consistent. See the <a href="#">SCM Task Log document item</a> .	all VOB servers	<ul style="list-style-type: none"> <li>Used MikeD's script to retag (06/08/01 version)</li> <li>5-20 Minutes per region</li> </ul>
7.		hardware	The BPA socks and partner proxy server need a little work.	bpasocks ; necproxy	Moved and re-racked hardware.
8.	<a href="#">8-10 June 2001</a>	HP-UX	Move /rtmp, /usr/local, and /dump0[12] file-systems to a system with better throughput	hpnj1, thor	Move nfsserv and dumpserv hostname aliases from hpnj1 to thor.
9.		network	Replace Panther router with two HA Cisco 6500 routers	all	
10.	<a href="#">7 June 2001</a>	network	Corporate WAN router updates	None	Updates completed. Web access time improved as a result of T1 tuning.
11.		network	Replace primary lan interface (FDDI) with 100BaseT interface.	Odin	primary DNS server interface
12.	<a href="#">31 May 2001</a>	hardware	<a href="#">Stage systems to address AutoRAID service note A3700A-11 and other maintenance</a>	necvob2, htcview1, view4*	Added HSC FWD SCSI cards, view4 card removed since it was defective (the machine failed to boot as long as the new card was installed); the card was removed and not replaced because we have enough interfaces for the AutoRAID data migrations.
13.		DR	<a href="#">Test BEST UPS shutdown server solution</a>	view, VOB, login servers	Overall test passed, but some VOB server issues with server shutdown timings.

## 4.2 SCM-ES Work (Completed)

This section and table is used to track completed work (from [§2.1](#)) that directly affected the SCM team or ClearCase environment.

Entries are placed into this table **most-recent-first!**

SCM-ES Work (Completed)										
#	Rough Est. of Effort	Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Comments
						Conceived (originated?)	Due	Started	Completed	
1.	2 Mos	<b>UPS Monitoring</b>	The <a href="#">UPS Project</a> ensures that facility power failures will trigger the PBX UPS to execute software notification and shutdown routines to ClearCase and other critical servers at the FPK site.	SusanA	SteveL	2001/04/23	2001/08/17	2001/05/15	<b>2001/08/17</b>	<ul style="list-style-type: none"> <li>UPS monitoring script installed on all critical FPK NJL and Partner production systems.</li> </ul>
2.	2 Mos	<i>NEC BPI from Cup Site</i>	Allow two NEC employees in Cup to access FPK NEC region.	SCM-ES		2001/06	--		<b>2001/08/09</b>	<ul style="list-style-type: none"> <li>ClearCase machines for OLAR development.</li> <li>Status: 6/9: Tony spoke with OLAR manager (Anders) to get requirements.</li> <li>Asb opened new BPI project to initiate creation of isolated subnet in CUP.</li> <li>Completion target 7/23 assuming BPI can assign staff.</li> <li>Need login and requirements – employees will be on-site 08/01.</li> <li>Sendmail update as applied for HTC-SG partners most likely required.</li> <li>Connectivity test succeeded from Cupertino cubicle (tomw) to <i>neview1</i> on 2001/08/09.</li> </ul>
3.	4 Days	<i>New Machine for Louie's IA builds</i>	Louie needs to build the 11.20 SCP product on an 11.0 system, so he needs a good 11.0 system for a month; <i>view5</i> will not work for him. See support item 12734 for more info.	Susan	Terry	2001/07/26	ASAP	2001/07/26	<b>2001/08/14</b>	<ul style="list-style-type: none"> <li>An L-class, <i>scm3</i>, has been delivered.</li> </ul>

SCM-ES Work (Completed)										
#	Rough Est. of Effort	Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Comments
						Conceived (originated?)	Due	Started	Completed	
4.	20 days	<i>AutoRAID Service Note</i>	Because of the April htcvob1 disaster, we are aware of fixes needed to all AutoRAID units' firmware and the firmware of individual disks in those AutoRAID's. This project is now being done "with" the AutoRAID Re-Racking project.	TerryB	JimU	2001/04/26		2001/05/10	2001/07/06	<ul style="list-style-type: none"> <li>See the <a href="#">project document</a>., draft done 05/18.</li> <li>Individual disk FW upgrades completed 6/11: 360 disks.</li> <li>Next phase will require data migration.</li> <li>JimU will continue to run the "A3700A-11.update" script on any new AutoRAIDs which arrive.</li> <li>AR controller and disk controller updates written, tested, and all disks (360+) are updated</li> <li>All new AR equipment will be programmed before it is deployed.</li> </ul>
5.	10 days	<i>ServiceGuard in Hitachi Sub-ring</i>	Add 2 machines to HTC region to support 2 Hitachi developers in Cup working on ServiceGuard product in ClearCase, for HAT section in Sawyer's <a href="#">ACSL lab</a> . [See the <a href="#">project document</a> . And C12448.]	TimG	TerryB, SusanA, MikeD	2001/05/14	2001/07/13	2001/05/21	2001/07/13	
6.	10 days	<i>Upgrade all PA 1.x Hardware in ClearCase Regions.</i>	The UXSCM Program cannot take advantage of BE/compiler performance improvements until all PA1.x hardware is removed from any ClearCase partner site. EIAL has 2 machines, scm1 and scm2, in the HP region, that need to be replaced. A <a href="#">document</a> in Cup has more info.  Frank uses build1 (also a PA 1.x) for the source code product and uses ClearCase on it but rarely does builds. Since builds are what the UXSCM Program cares about, once we replace scm1 and scm2, Frank can not do any more builds—we must update him to a new machine.	TerryB	MikeD	2001/04/15	2001/07 – we told the UXSCM we would do it in July		2001-08-08	<ul style="list-style-type: none"> <li>MichaelD moved nightly builds from scm1 and scm2 to view5 (to be renamed scm4).</li> <li>Frank will be moving all SCP work to the new scm4 11.0 L-class machine that ES gave Louie this month to do some IA SCP build testing on 11.0.</li> <li>Tim officially notified Doug and UXSCM that we had no more PA1.x machines.</li> </ul>
7.	5 days	<i>Restore LP ClearCase Server balboa</i>	July 9, 2001 power outage contributed to external disk hardware failure on balboa, a system not on UPS since it resides in a cube on the forth floor and does not have any HA to speak of.	TerryB	JimU, TimG				2001/07/17	<ul style="list-style-type: none"> <li>Replaced failed disk enclosure by adding more disks to a second enclosure already on the system.</li> <li>Dick Hamilton has plans to replace this box and would appreciate HW ordering input from ES when the time comes.</li> </ul>

<b>SCM-ES Work (Completed)</b>										
#	Rough Est. of Effort	Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Comments
						Conceived (originated?)	Due	Started	Completed	
8.	2 days	<i>Partner Company E-mail Aliases</i>	Bob/Cindi worried about NEC/Hitachi staff being in EIAL mail aliases used by EIAL without knowing that partner company staff get the mail.	SusanA	TimG	2001/05/10		2001/05/16	<b>2001/06/28</b>	<ul style="list-style-type: none"> <li>• TimG provided the script partner-mail-aliases to identify such aliases in FPK</li> <li>• TimG script shared with Cupertino ES on June 5.</li> <li>• FPK aliases cleaned up.</li> </ul>
9.	2 days	<i>Move Scope to view5</i>	Move Scope databases and function from hpnj1 (10BT) to view5 100BT host.	MikeD	SusanA	2001/06/13	2001/06/15	2001/06/15	<b>2001/06/18</b>	Hpnj1 is too slow without FDDI interface.

### 4.3 ES-only Work (Completed)

This section and table is used to track completed work that DID NOT directly affect the SCM team or ClearCase environment.

ES-only Work (Completed)											
#			Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Comments
							Conceived (originated?)	Due	Started	Completed	
1.	M	1-2 weeks	<i>Chart Issues for NEC and Hitachi</i>	NEC CGI scripts written by Steve Humphrey, Hitachi Chart access via Mark Hoeft scripts issues due to Chart upgrade	SteveL		2001/07/11			2001/08/08	<ul style="list-style-type: none"> <li>• NEC CGI issue addressed on 07/18.</li> <li>• 7/27: Access to the new Chart by NEC and Hitachi is functional.</li> <li>• Some fine tuning remains to be completed by the Chart folks with Cindi Schell's help.</li> </ul>
2.	H		<i>Document Network Topology</i>	Documents site network configuration including new Cisco 6500 Switches	MikeP			2001/08/10		2001/08/10	<ul style="list-style-type: none"> <li>• Required for Audit</li> <li>• Existing configuration available</li> </ul>
3.	M	2-3 days	<i>Create 11i Database tool</i>	Create an 11i FAQ database for use by HP-UX developers: <a href="http://www.fpk.hp.com/eial/help">http://www.fpk.hp.com/eial/help</a>	SteveL			2001/07/20	2001/06/13	2001/07/20	<ul style="list-style-type: none"> <li>• Superseded Web documentation projects</li> <li>• To be maintained by developers.</li> <li>• Database tool created and presented to Marcia.</li> <li>• Fine tuning activities completed.</li> </ul>
4.	L 2		<i>IA (Lion) box for ES to review</i>	Evaluate total customer experience (TCE) with 11.i on a new IA box. A Lion box is to be custom ordered, setup, and configured by us to see what a customer has to do.	TonyB	RogerA, JimU		2001/07/18-19		2001/07/19	<ul style="list-style-type: none"> <li>• TonyB ordered a new Lion (XR) as an HP Customer on 6/20/01.</li> <li>• New box will serve as an 11.i application server and perhaps login server.</li> <li>• System arrived on 7/12.</li> <li>• Unpacked and rack-mounted the system on 07/18 with Vandana Tangri present to measure product quality and user experience.</li> </ul>

ES-only Work (Completed)											
#			Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Comments
							Conceived (originated?)	Due	Started	Completed	
5.	M		NT HA Cluster/FPK- N	<a href="#">Document Ghost image recovery process</a>	RogerA	TimC		20010720		2001/07/20	<ul style="list-style-type: none"> <li>05/15 image test completed</li> <li>CD Burners installed on the 2 NT Cluster systems.</li> <li>CD Burner host image test successfully completed. On Frack.</li> <li>Support item 12846 opened to ensure a process is added to store ghost images off-site.</li> <li><a href="#">Backup Operations</a> guide must be updated as well.</li> </ul>
6.	H O	3 days	IA-64 Pre Sales demo	Set up a temporary pre-sales demo in the development lab to help the TCO organization provide proof of concept and value that HP can provide an IA64 solution for a 25M contract. See support item 12726.	JimU	TimC, TerryB, MikeP	2001/07/03	2001/07/3 1		2001/07/27	<ul style="list-style-type: none"> <li>ES has verified that space, power, and networking are available for 16 Lions</li> <li>Systems will run Linux.</li> <li>TCO staff will NOT be on-site.</li> <li>7/30: ES part in system setup is complete for now.</li> </ul>
7.	L		Corp Workstation Survey	Poll site for HP-UX version used at desk	SteveL		2001/07/25	2001/07/2 7	2001/07/25	2001/07/27	<ul style="list-style-type: none"> <li>Corporate 10.x vs 11.x (or other OS) Poll</li> </ul>
8.	L		OEO Web News Board	EIAL will host the OEO web-based news groups	SteveL		2000/06			2001/07/20	<a href="http://www.fpk.hp.com/cgi-bin/community/index.cgi">http://www.fpk.hp.com/cgi-bin/community/index.cgi</a>
9.	L 1		Satz Class Prep	setup PC's for use by Satz CMM class on Caliber requirements management tool	RogerA			2001/06/2 5	2001/05/23	2001/06/25	<ul style="list-style-type: none"> <li>Class Scheduled end of June</li> </ul>
10.	H		Production Terminal Servers	Install new Cyclades terminal servers	MikeP	SteveL, JimU	2001/06/10	2001/06/1 4	2001/06/13	2001/06/14	<ul style="list-style-type: none"> <li>Production Consoles re-configured</li> </ul>
11.	H		ACL Re- Architecture	to better handle net15 ACLs	SteveL			2001/06/1 4	2001/05/23	2001/06/14	<ul style="list-style-type: none"> <li>Switched from Netscape6 to Apache Web server on 6/14/01.</li> <li>ACLs functional</li> <li>Necessary web cron adjustments completed.</li> </ul>
12.	M		NT Server Documentatio n	<a href="#">procedures for team coverage</a>	RogerA	TimC				2001/05/15	<ul style="list-style-type: none"> <li><a href="#">See published information.</a></li> </ul>

ES-only Work (Completed)											
#			Title	Description (include link to project document, if any)	Owner	Team (in addition to owner)	Dates (use ISO YYYY/MM/DD format here)				Comments
							Conceived (originated?)	Due	Started	Completed	
13.	H		<i>Corp WAN router Maintenance</i>	Corp-mandated updates	MikeP			2001/06/07	06/07/01	06/07/01	<ul style="list-style-type: none"> <li>Scheduled for 6/7/01</li> </ul>
14.	H		<i>Cisco Catalyst 6500 Switches</i>	Increase network HA and Scalability	MikeP	TerryB, SteveL, JimU		2001/06/08	06/08/01	06/09/01	<ul style="list-style-type: none"> <li>Downtime 6/8-6/10</li> <li>Return old Cisco (Panther) equipment by 06/25</li> </ul>
15.	H	2 days	<i>Move rtmp, usr/local, and DUMP file- systems</i>	FDDI infrastructure will be retired this weekend. HPNJ1 which hosts the /rtmp, /usr/local, and /dump0[12] file-systems needs to be moved to performance issues.	TerryB				06/08/01	06/09/01	<ul style="list-style-type: none"> <li>Not moving these meant 10BT throughput</li> <li>moves completed</li> <li>File-system sizes increased.</li> </ul>
16.	H	2 months	<a href="#">Upgrade Web Services</a>	Move FPK Web Services to a Highly Available HP Service Guard Cluster.	SteveL	SusanA			2001/01	03/31/01	<ul style="list-style-type: none"> <li>Hardware and software installed and tested.</li> <li>AutoRAID device shared between two ACLASS Web servers.</li> <li>Completed according to plan</li> </ul>
17.	L 3		<i>Nick Vitovich NT Servers</i>	EIAL will host one rack of two systems, NV3 to admin	Nv3 admin					2001/07/31	<ul style="list-style-type: none"> <li>05/24 machines arrived from IL</li> <li>Nick will arrange for a DSL line in to FPK with MelissaG</li> <li>Project cancelled - boxes are not staying.</li> </ul>
18.	H	2 months	<a href="#">Upgrade NT Services</a>	Move FPK NT Services to a Highly Available NT Cluster and new InfoNet (COE) server.	TimC	RogerA			2001/01	02/19/01	<ul style="list-style-type: none"> <li>Hardware and software installed and tested</li> <li>AutoRAID shared between two LC 3 PII-450 NT servers</li> <li>Cluster renamed PUMBA</li> <li>Completed according to plan</li> </ul>

## 5. Unscheduled Downtimes

Tim added this section on July 25, 2001, as a reasonable place to record unscheduled downtimes. This is simply for historical reasons, as it will prove useful to have a single place where we have a log of this.

#	Date	Machines	Apparent Cause of Downtime	Comments
1.	<i>25 July 2001</i>	nj1src3, htcvobl	Terry believes he tripped over the power cords for these 2 machines while working in that area.	<p>The machines both rebooted quickly and there were no apparent VOB problems. User builds were interrupted for about 45 minutes, but otherwise, no apparent effects.</p> <p>Terry noted from this incident that the power for these 2 machines was improperly setup and there was too much draw on that circuit. He wants to address this at the next available downtime.</p>