

# Oberon Densification and Relocation

17 arrays to be consolidated and relocated with new infrastructure cabling and reconfigurations

Design of rack and row layout

Physical rack and stack and cabling

Infrastructure cabinet switches reconfigurations

Mentoring of jr. members for implementation

Back end reconfigurations and front end reconfigurations

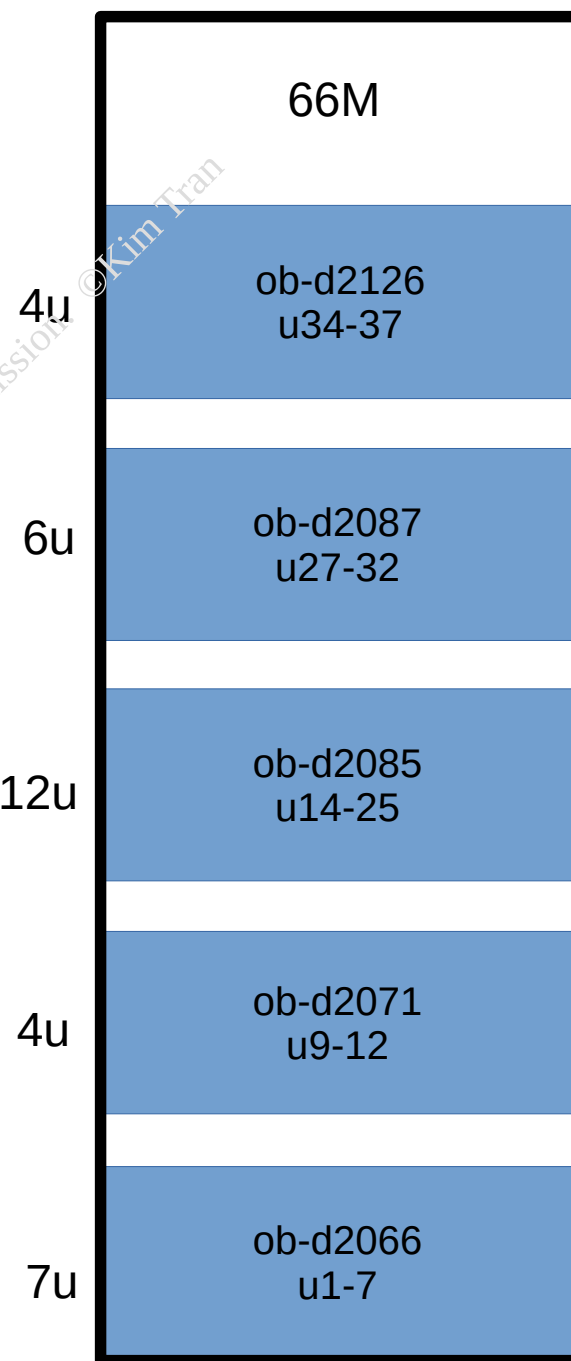
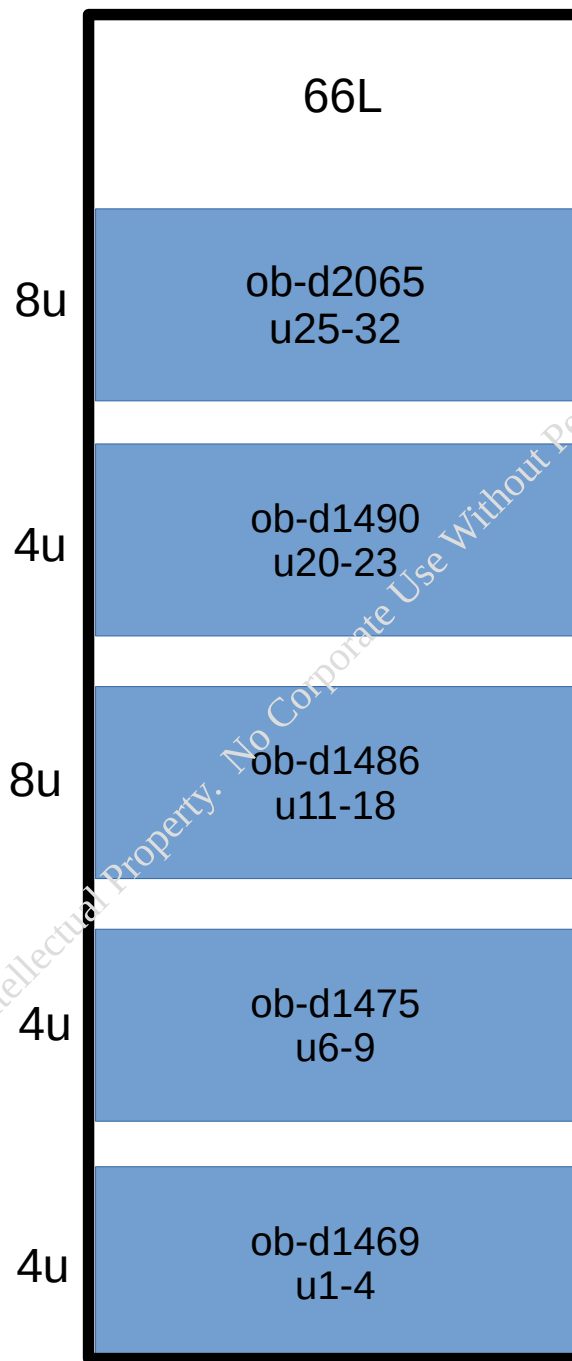
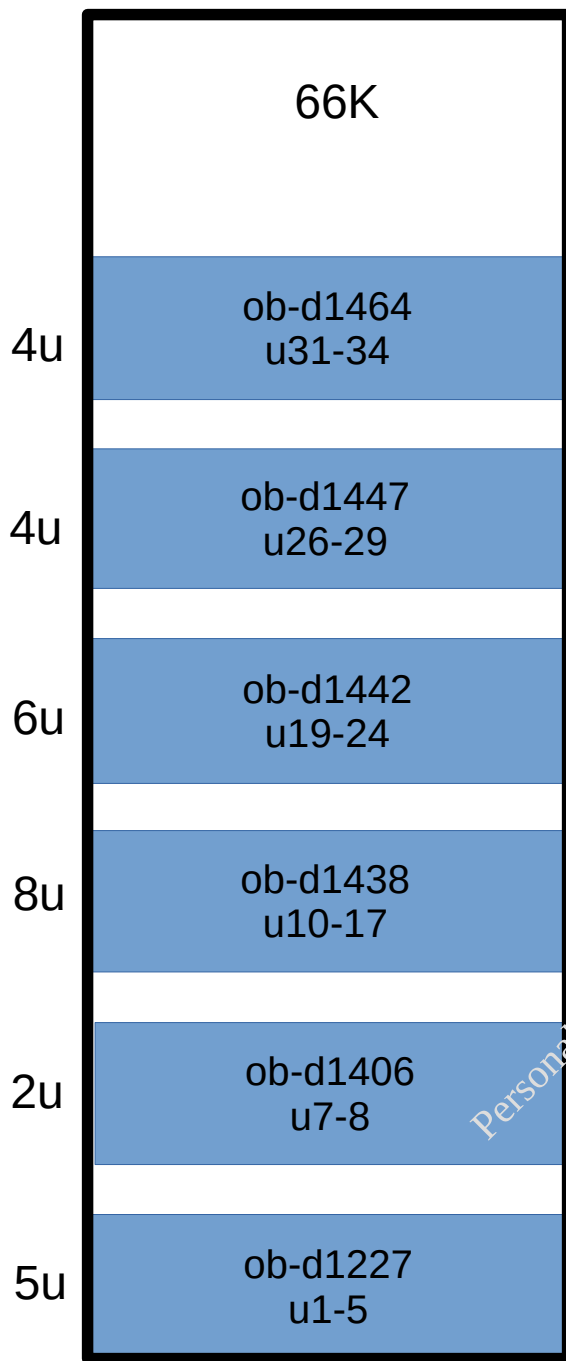
Consolidation of 17 oberons spreadout through rows 82 and 86 column one

Rack layout to maximize densification to 4 racks

Please ensure that all racks have WTI pdu's.

OB-D2105 to be re-racked to remove existing rack U gaps, and to re-cable backend connections of the cnaga daes to ensure proper dae slack and no - snag functionality when pulling out the enclosure to replace and verify drives.

\*Re-racking of the cnaga daes should be done one at a time, and after racking, test to ensure that removal and closure of the dae is clean, meaning dae can be fully extended without snagging and trapping any backend cabling and can be closed without snagging and trapping any backend cabling.



66R

20u

ob-d2105  
u4-23

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<u>Source Hostname</u>	<u>Source Port</u>	<u>Source Tile</u>	<u>Destination Hostname</u>	<u>Destination Port</u>	<u>Destination Tile</u>	<u>Cable Type</u>	<u>Notes</u>		
L1D4K	3	66H	OB-D1227	SPA-MGMT	66K	COPPER	10gbe copper	10.228	-SW3
L1D4K	4	66H	OB-D1227	SPB-MGMT	66K	COPPER	10gbe copper	10.228	-SW5
L1D4K	5	66H	OB-D1406	SPA-MGMT	66K	COPPER	10gbe copper	10.228	-SW6
L1D4K	6	66H	OB-D1406	SPB-MGMT	66K	COPPER	10gbe copper	10.228	-SW7
L1D4K	7	66H	OB-D1438	SPA-MGMT	66K	COPPER	10gbe copper	10.228	VF66H
L1D4K	8	66H	OB-D1438	SPB-MGMT	66K	COPPER	10gbe copper		
L1D4K	9	66H	OB-D1442	SPA-MGMT	66K	COPPER	10gbe copper		
L1D4K	10	66H	OB-D1442	SPB-MGMT	66K	COPPER	10gbe copper		
L1D4K	11	66H	OB-D1447	SPA-MGMT	66K	COPPER	10gbe copper		
L1D4K	12	66H	OB-D1447	SPB-MGMT	66K	COPPER	10gbe copper		
L1D4K	13	66H	OB-D1464	SPA-MGMT	66K	COPPER	10gbe copper		
L1D4K	14	66H	OB-D1464	SPB-MGMT	66K	COPPER	10gbe copper		
L1D4K	15	66H	OB-D1469	SPA-MGMT	66L	COPPER	10gbe copper		
L1D4K	16	66H	OB-D1469	SPB-MGMT	66L	COPPER	10gbe copper		
L1D4K	17	66H	OB-D1475	SPA-MGMT	66L	COPPER	10gbe copper		
L1D4K	18	66H	OB-D1475	SPB-MGMT	66L	COPPER	10gbe copper		
L1D4K	19	66H	OB-D1486	SPA-MGMT	66L	COPPER	10gbe copper		
L1D4K	20	66H	OB-D1486	SPB-MGMT	66L	COPPER	10gbe copper		
L1D4K	21	66H	OB-D1490	SPA-MGMT	66L	COPPER	10gbe copper		
L1D4K	22	66H	OB-D1490	SPB-MGMT	66L	COPPER	10gbe copper		
L1D4K	23	66H	OB-D2065	SPA-MGMT	66L	COPPER	10gbe copper		
L1D4K	24	66H	OB-D2065	SPB-MGMT	66L	COPPER	10gbe copper		
L1D4K	31	66H	OB-D2066	SPA-MGMT	66M	COPPER	10gbe copper		
L1D4K	32	66H	OB-D2066	SPB-MGMT	66M	COPPER	10gbe copper		
L1D4K	33	66H	OB-D2071	SPA-MGMT	66M	COPPER	10gbe copper		
L1D4K	34	66H	OB-D2071	SPB-MGMT	66M	COPPER	10gbe copper		
L1D4K	35	66H	OB-D2085	SPA-MGMT	66M	COPPER	10gbe copper		
L1D4K	36	66H	OB-D2085	SPB-MGMT	66M	COPPER	10gbe copper		
L1D4K	37	66H	OB-D2087	SPA-MGMT	66M	COPPER	10gbe copper		
L1D4K	38	66H	OB-D2087	SPB-MGMT	66M	COPPER	10gbe copper		
L1D4K	39	66H	OB-D2105	SPA-MGMT	66R	COPPER	10gbe copper		
L1D4K	40	66H	OB-D2105	SPB-MGMT	66R	COPPER	10gbe copper		
L1D4K	41	66H	OB-D2126	SPA-MGMT	66M	COPPER	10gbe copper		
L1D4K	42	66H	OB-D2126	SPB-MGMT	66M	COPPER	10gbe copper		
L1D4K	43	66H	OB-D2087	SPB-ETH2	66M	COPPER	10gbe copper		
L1D4K	44	66H	OB-D2087	SPB-ETH3	66M	COPPER	10gbe copper		
L1D4K	45	66H	OB-D2105	SPA-ETH2	66R	COPPER	10gbe copper		
L1D4K	46	66H	OB-D2105	SPA-ETH3	66R	COPPER	10gbe copper		

L1D4K	47	66H	OB-D2105	SPB-ETH2	66R	COPPER	10gbe copper		
L1D4K	48	66H	OB-D2105	SPB-ETH3	66R	COPPER	10gbe copper		
L1D4K	49	66H	OB-D2126	SPA-ETH2	66M	COPPER	10gbe copper		
L1D4K	50	66H	OB-D2126	SPA-ETH3	66M	COPPER	10gbe copper		
L1D4K	51	66H	OB-D2126	SPB-ETH2	66M	COPPER	10gbe copper		
L1D4K	52	66H	OB-D2126	SPB-ETH3	66M	COPPER	10gbe copper		
L1D4K	1	66H	OB-D1227	SPA-ETH2	66K	COPPER	10gbe copper		
L1D4K	2	66H	OB-D1227	SPB-ETH2	66K	COPPER	10gbe copper		
L1D4K	3	66H	OB-D1406	SPA-ETH2	66K	COPPER	10gbe copper		
L1D4K	4	66H	OB-D1406	SPA-ETH3	66K	COPPER	10gbe copper		
L1D4K	5	66H	OB-D1406	SPB-ETH2	66K	COPPER	10gbe copper		
L1D4K	6	66H	OB-D1406	SPB-ETH3	66K	COPPER	10gbe copper		
L1D4K	7	66H	OB-D1438	SPA-ETH2	66K	COPPER	10gbe copper		
L1D4K	8	66H	OB-D1438	SPA-ETH3	66K	COPPER	10gbe copper		
L1D4K	9	66H	OB-D1438	SPB-ETH2	66K	COPPER	10gbe copper		
L1D4K	10	66H	OB-D1438	SPB-ETH3	66K	COPPER	10gbe copper		
L1D4K	11	66H	OB-D1442	SPA-ETH2	66K	COPPER	10gbe copper		
L1D4K	12	66H	OB-D1442	SPB-ETH2	66K	COPPER	10gbe copper		
L1D4K	13	66H	OB-D1447	SPA-ETH2	66K	COPPER	10gbe copper		
L1D4K	14	66H	OB-D1447	SPB-ETH2	66K	COPPER	10gbe copper		
L1D4K	15	66H	OB-D1464	SPA-ETH2	66K	COPPER	10gbe copper		
L1D4K	16	66H	OB-D1464	SPA-ETH3	66K	COPPER	10gbe copper		
L1D4K	17	66H	OB-D1464	SPB-ETH2	66K	COPPER	10gbe copper		
L1D4K	18	66H	OB-D1464	SPB-ETH3	66K	COPPER	10gbe copper		
L1D4K	19	66H	OB-D1469	SPA-ETH2	66L	COPPER	10gbe copper		
L1D4K	20	66H	OB-D1469	SPA-ETH3	66L	COPPER	10gbe copper		
L1D4K	21	66H	OB-D1469	SPB-ETH2	66L	COPPER	10gbe copper		
L1D4K	22	66H	OB-D1469	SPB-ETH3	66L	COPPER	10gbe copper		
L1D4K	23	66H	OB-D1475	SPA-ETH2	66L	COPPER	10gbe copper		
L1D4K	24	66H	OB-D1475	SPB-ETH2	66L	COPPER	10gbe copper		
L1D4K	31	66H	OB-D1486	SPA-ETH2	66L	COPPER	10gbe copper		
L1D4K	32	66H	OB-D1486	SPA-ETH3	66L	COPPER	10gbe copper		
L1D4K	33	66H	OB-D1486	SPB-ETH2	66L	COPPER	10gbe copper		
L1D4K	34	66H	OB-D1486	SPB-ETH3	66L	COPPER	10gbe copper		
L1D4K	35	66H	OB-D1490	SPA-ETH2	66L	COPPER	10gbe copper		
L1D4K	36	66H	OB-D1490	SPA-ETH3	66L	COPPER	10gbe copper		
L1D4K	37	66H	OB-D1490	SPB-ETH2	66L	COPPER	10gbe copper		
L1D4K	38	66H	OB-D1490	SPB-ETH3	66L	COPPER	10gbe copper		
L1D4K	39	66H	OB-D2065	SPA-ETH2	66L	COPPER	10gbe copper		

L1D4K	40	66H	OB-D2065	SPA-ETH3	66L	COPPER	10gbe copper		
L1D4K	41	66H	OB-D2065	SPB-ETH2	66L	COPPER	10gbe copper		
L1D4K	42	66H	OB-D2065	SPB-ETH3	66L	COPPER	10gbe copper		
L1D4K	43	66H	OB-D2066	SPA-ETH2	66M	COPPER	10gbe copper		
L1D4K	44	66H	OB-D2066	SPA-ETH3	66M	COPPER	10gbe copper		
L1D4K	45	66H	OB-D2066	SPB-ETH2	66M	COPPER	10gbe copper		
L1D4K	46	66H	OB-D2066	SPB-ETH3	66M	COPPER	10gbe copper		
L1D4K	47	66H	OB-D2071	SPA-ETH2	66M	COPPER	10gbe copper		
L1D4K	48	66H	OB-D2071	SPB-ETH2	66M	COPPER	10gbe copper		
L1D4K	49	66H	OB-D2085	SPA-ETH2	66M	COPPER	10gbe copper		
L1D4K	50	66H	OB-D2085	SPA-ETH3	66M	COPPER	10gbe copper		
L1D4K	51	66H	OB-D2085	SPB-ETH2	66M	COPPER	10gbe copper		
L1D4K	52	66H	OB-D2085	SPB-ETH3	66M	COPPER	10gbe copper		
L1D4K	53	66H	OB-D2087	SPA-ETH2	66M	COPPER	10gbe copper		
L1D4K	54	66H	OB-D2087	SPA-ETH3	66M	COPPER	10gbe copper		
L1D4K	1	66H	OB-D2105	SPA-1:0	66R	COPPER	10gbe copper		
L1D4K	2	66H	OB-D2105	SPA-1:1	66R	COPPER	10gbe copper		
L1D4K	3	66H	OB-D2105	SPA-1:2	66R	COPPER	10gbe copper		
L1D4K	4	66H	OB-D2105	SPA-1:3	66R	COPPER	10gbe copper		
L1D4K	5	66H	OB-D2105	SPB-1:0	66R	COPPER	10gbe copper		
L1D4K	6	66H	OB-D2105	SPB-1:1	66R	COPPER	10gbe copper		
L1D4K	7	66H	OB-D2105	SPB-1:2	66R	COPPER	10gbe copper		
L1D4K	8	66H	OB-D2105	SPB-1:3	66R	COPPER	10gbe copper		
L1D4K	9	66H	OB-D2071	SPA-1:0	66M	COPPER	10gbe copper		
L1D4K	10	66H	OB-D2071	SPA-1:1	66M	COPPER	10gbe copper		
L1D4K	11	66H	OB-D2071	SPB-1:0	66M	COPPER	10gbe copper		
L1D4K	12	66H	OB-D2071	SPB-1:1	66M	COPPER	10gbe copper		
L1D4K	13	66H	WTI-66K	MGMT	66K	COPPER	10gbe copper		
Ports 1									
L1D4K	1	66H	OB-D1475	SPA-CNA4	66L	FIBER	10gbe optical		
L1D4K	2	66H	OB-D1475	SPB-CNA4	66L	FIBER	10gbe optical		
L1D4K	3	66H	OB-D2087	SPA-CNA4	66M	FIBER	10gbe optical		
L1D4K	4	66H	OB-D2087	SPA-CNA5	66M	FIBER	10gbe optical		
L1D4K	5	66H	OB-D2087	SPB-CNA4	66M	FIBER	10gbe optical		
L1D4K	6	66H	OB-D2087	SPB-CNA5	66M	FIBER	10gbe optical		
L1D4K	7	66H	OB-D1442	SPA-1:0	66K	FIBER	10gbe optical		
L1D4K	8	66H	OB-D1442	SPA-1:1	66K	FIBER	10gbe optical		

L1D4K	9	66H	OB-D1442	SPB-1:0	66K	FIBER	10gbe optical		
L1D4K	10	66H	OB-D1442	SPB-1:1	66K	FIBER	10gbe optical		
L1D4K	11	66H	OB-D1447	SPA-0:0	66K	FIBER	10gbe optical		
L1D4K	12	66H	OB-D1447	SPB-0:0	66K	FIBER	10gbe optical		
L1D4K	13	66H	OB-D1469	SPA-0:0	66L	FIBER	10gbe optical		
L1D4K	14	66H	OB-D1469	SPA-0:1	66L	FIBER	10gbe optical		
L1D4K	15	66H	OB-D1469	SPB-0:0	66L	FIBER	10gbe optical		
L1D4K	16	66H	OB-D1469	SPB-0:1	66L	FIBER	10gbe optical		
L1D4K	21	66H	OB-D2085	SPA-1:0	66M	FIBER	10gbe optical		
L1D4K	22	66H	OB-D2085	SPA-1:1	66M	FIBER	10gbe optical		
L1D4K	23	66H	OB-D2085	SPB-1:0	66M	FIBER	10gbe optical		
L1D4K	24	66H	OB-D2085	SPB-1:1	66M	FIBER	10gbe optical		
L1D4K	31	66H	OB-D2105	SPA-0:0	66R	FIBER	10gbe optical		
L1D4K	32	66H	OB-D2105	SPA-0:1	66R	FIBER	10gbe optical		
L1D4K	33	66H	OB-D2105	SPA-0:2	66R	FIBER	10gbe optical		
L1D4K	34	66H	OB-D2105	SPA-0:3	66R	FIBER	10gbe optical		
L1D4K	35	66H	OB-D2105	SPB-0:0	66R	FIBER	10gbe optical		
L1D4K	36	66H	OB-D2105	SPB-0:1	66R	FIBER	10gbe optical		
L1D4K	37	66H	OB-D2105	SPB-0:2	66R	FIBER	10gbe optical		
L1D4K	38	66H	OB-D2105	SPB-0:3	66R	FIBER	10gbe optical		
USD-	2	66H	OB-D1227	SPA-CNA4	66K	FIBER	16gbe optical – fc san		
USD-	3	66H	OB-D1227	SPB-CNA4	66K	FIBER	16gbe optical – fc san		
USD-	4	66H	OB-D1442	SPA-CNA4	66K	FIBER	16gbe optical – fc san		
USD-	5	66H	OB-D1442	SPA-CNA5	66K	FIBER	16gbe optical – fc san		
USD-	6	66H	OB-D1442	SPB-CNA4	66K	FIBER	16gbe optical – fc san		
USD-	7	66H	OB-D1442	SPB-CNA5	66K	FIBER	16gbe optical – fc san		
USD-	8	66H	OB-D1447	SPA-CNA4	66K	FIBER	16gbe optical – fc san		
USD-	9	66H	OB-D1447	SPA-CNA5	66K	FIBER	16gbe optical – fc san		
USD-	10	66H	OB-D1447	SPB-CNA4	66K	FIBER	16gbe optical – fc san		
USD-	11	66H	OB-D1447	SPB-CNA5	66K	FIBER	16gbe optical – fc san		
USD-	12	66H	OB-D1464	SPA-CNA4	66K	FIBER	16gbe optical – fc san		
USD-	13	66H	OB-D1464	SPA-CNA5	66K	FIBER	16gbe optical – fc san		
USD-	14	66H	OB-D1464	SPB-CNA4	66K	FIBER	16gbe optical – fc san		
USD-	15	66H	OB-D1464	SPB-CNA5	66K	FIBER	16gbe optical – fc san		
USD-	16	66H	OB-D1469	SPA-CNA4	66L	FIBER	16gbe optical – fc san		
USD-	17	66H	OB-D1469	SPA-CNA5	66L	FIBER	16gbe optical – fc san		
USD-	18	66H	OB-D1469	SPB-CNA4	66L	FIBER	16gbe optical – fc san		
USD-	19	66H	OB-D1469	SPB-CNA5	66L	FIBER	16gbe optical – fc san		
USD-	20	66H	OB-D1486	SPA-CNA4	66L	FIBER	16gbe optical – fc san		



USD	21	66H	OB-D1486	SPB-CNA4	66L	FIBER	16gbe optical – fc san		
USD	22	66H	OB-D1490	SPA-CNA4	66L	FIBER	16gbe optical – fc san		
USD	23	66H	OB-D1490	SPA-CNA5	66L	FIBER	16gbe optical – fc san		
USD	26	66H	OB-D1490	SPB-CNA4	66L	FIBER	16gbe optical – fc san		
USD	27	66H	OB-D1490	SPB-CNA5	66L	FIBER	16gbe optical – fc san		
USD	28	66H	OB-D2065	SPA-CNA4	66L	FIBER	16gbe optical – fc san		
USD	29	66H	OB-D2065	SPA-CNA5	66L	FIBER	16gbe optical – fc san		
USD	30	66H	OB-D2065	SPB-CNA4	66L	FIBER	16gbe optical – fc san		
USD	31	66H	OB-D2065	SPB-CNA5	66L	FIBER	16gbe optical – fc san		
USD	32	66H	OB-D2066	SPA-CNA4	66M	FIBER	16gbe optical – fc san		
USD	33	66H	OB-D2066	SPA-CNA5	66M	FIBER	16gbe optical – fc san		
USD	34	66H	OB-D2066	SPB-CNA4	66M	FIBER	16gbe optical – fc san		
USD	35	66H	OB-D2066	SPB-CNA5	66M	FIBER	16gbe optical – fc san		
USD	36	66H	OB-D2071	SPA-CNA4	66M	FIBER	16gbe optical – fc san		
USD	37	66H	OB-D2071	SPB-CNA4	66M	FIBER	16gbe optical – fc san		
USD	38	66H	OB-D2085	SPA-CNA4	66M	FIBER	16gbe optical – fc san		
USD	39	66H	OB-D2085	SPA-CNA5	66M	FIBER	16gbe optical – fc san		
USD	40	66H	OB-D2085	SPB-CNA4	66M	FIBER	16gbe optical – fc san		
USD	41	66H	OB-D2085	SPB-CNA5	66M	FIBER	16gbe optical – fc san		
USD	42	66H	OB-D2105	SPA-CNA4	66R	FIBER	16gbe optical – fc san		
USD	43	66H	OB-D2105	SPA-CNA5	66R	FIBER	16gbe optical – fc san		
USD	44	66H	OB-D2105	SPB-CNA4	66R	FIBER	16gbe optical – fc san		
USD	45	66H	OB-D2105	SPB-CNA5	66R	FIBER	16gbe optical – fc san		
USD	46	66H	OB-D2126	SPA-CNA4	66M	FIBER	16gbe optical – fc san		
USD	47	66H	OB-D2126	SPB-CNA4	66M	FIBER	16gbe optical – fc san		
USD	50	66H	OB-D1406	SPA-1:1	66K	FIBER	16gbe optical – fc san		
USD	51	66H	OB-D1406	SPA-1:2	66K	FIBER	16gbe optical – fc san		
USD	52	66H	OB-D1406	SPB-1:1	66K	FIBER	16gbe optical – fc san		
USD	53	66H	OB-D1406	SPB-1:2	66K	FIBER	16gbe optical – fc san		
USD	54	66H	OB-D1475	SPA-0:0	66L	FIBER	16gbe optical – fc san		
USD	55	66H	OB-D1475	SPA-0:1	66L	FIBER	16gbe optical – fc san		
USD	56	66H	OB-D1475	SPB-0:0	66L	FIBER	16gbe optical – fc san		
USD	57	66H	OB-D1475	SPB-0:1	66L	FIBER	16gbe optical – fc san		
USD	58	66H	OB-D2071	SPA-0:0	66M	FIBER	16gbe optical – fc san		
USD	59	66H	OB-D2071	SPB-0:0	66M	FIBER	16gbe optical – fc san		
USD	60	66H	OB-D2085	SPA-0:0	66M	FIBER	16gbe optical – fc san		
USD	61	66H	OB-D2085	SPA-0:1	66M	FIBER	16gbe optical – fc san		
USD	62	66H	OB-D2085	SPA-0:2	66M	FIBER	16gbe optical – fc san		
USD	63	66H	OB-D2085	SPB-0:0	66M	FIBER	16gbe optical – fc san		
USD	64	66H	OB-D2085	SPB-0:1	66M	FIBER	16gbe optical – fc san		
USD	65	66H	OB-D2085	SPB-0:2	66M	FIBER	16gbe optical – fc san		

Sheet1

USD		66	66H	OB-D2087	SPA-0:0	66M	FIBER	16gbe optical – fc san		
USD		67	66H	OB-D2087	SPA-0:1	66M	FIBER	16gbe optical – fc san		
USD		68	66H	OB-D2087	SPB-0:0	66M	FIBER	16gbe optical – fc san		
USD		69	66H	OB-D2087	SPB-0:1	66M	FIBER	16gbe optical – fc san		

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Lead Engineer on project to consolidate and relocate 17 storage arrays for QA team in China

Assisted by junior team members for rack/stack and network configurations.

Inventory, Plan, Design new infrastructure rack cabling of Dell 4k switches and configurations, array rack layouts, pre-relocation healthcheck and post-relocation health verification.

Joseph [REDACTED] awarded You



Winning Together

July 6, 2021

### Durham Lab 1 Oberon Consolidation

I would like to thank Kim and Drew for the extra effort that went into relocating 17 Capitalized arrays that were scattered in different rows in Durham Lab 1. They planned the move in advance including the consolidation plan, executed the pre-cabling required for move and switch setups. Additionally, they executed the relocations ahead of scheduled timeline. This project helped to free up two rows in Durham Lab 1 that included 36 tile spaces for New Product additions to the lab. Excellent work guys. Through your extra efforts Durham IEO LabOps was able to exceed customer expectations with no impact to their schedules.

Bravo Award

1500 Points

**From:** Tran, Kim <Ngoc.Tran@dell.com>

**Sent:** Thursday, June 24, 2021 2:16 PM

**To:** [REDACTED]

**Subject:** Re: Oberon Consolidation Starting 6.17.21 - Please review

Folks,

ob-d1438 and ob-d1442 verification complete and ready for hand off.

That should do it for the oberons in this consolidation/relocation effort.

Special thanks to Drew [REDACTED] for the heavy lifting and sanity checking the layouts while in motion.

Also, to Jim [REDACTED] for the on demand network configurations.

please submit a ticket for any further issues.

Kim Tran

Lab Systems Engineer

Infrastructure Solutions Group

Dell EMC | IEO Cloud Operations

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**From:** Tran, Kim <Ngoc.Tran@dell.com>

**Sent:** Wednesday, June 23, 2021 3:42 PM

**To:** <undisclosed>

**Subject:** Re: Oberon Consolidation Starting 6.17.21 - Please review

Folks,

ob-d2105 verification complete and ready for hand off

customer needs to submit ticket for drive failures and to verify their replication/fs status

ob-d2071 verification complete and ready for hand off

ob-d1438, ob-d1442, has issues being addressed for final verification and hand off

**From:** [REDACTED]  
**Sent:** Tuesday, June 22, 2021 4:50 PM  
**To:** <undisclosed>  
**Subject:** RE: Oberon Consolidation Starting 6.17.21 - Please review

Thanks for the updates Kim.

Best practice would be to include a reservation name associated with the arrays. J

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**From:** Tran, Kim <Ngoc.Tran@dell.com>  
**Sent:** Tuesday, June 22, 2021 3:39 PM  
**To:** <undisclosed>  
**Subject:** Re: Oberon Consolidation Starting 6.17.21 - Please review

Cab 66R has been racked and stacked, cabled, and powered on  
Verification is in progress

ob-d2105 in progress

Kim Tran  
Lab Systems Engineer

**From:** Tran, Kim <[Ngoc.Tran@dell.com](mailto:Ngoc.Tran@dell.com)>  
**Sent:** Tuesday, June 22, 2021 2:52 PM  
**To:** <undisclosed>  
**Subject:** Re: Oberon Consolidation Starting 6.17.21 - Please review

ob-d2126 verification complete

ready for hand off

**From:** Tran, Kim <[Ngoc.Tran@dell.com](mailto:Ngoc.Tran@dell.com)>  
**Sent:** Tuesday, June 22, 2021 2:38 PM  
**To:** <undisclosed>  
**Subject:** Re: Oberon Consolidation Starting 6.17.21 - Please review

Folks,

ob-d2066	verification complete
ob-d1490	verification complete
ob-d1406	verification complete
ob-d2065	verification complete
ob-d1438	in progress
ob-d2105	rack in progress
ob-d2126	in progress
ob-d1469	verification complete
ob-d1486	verification complete
ob-d1464	verification complete
ob-d1475	verification complete
ob-d2071	in progress
ob-d1447	verification complete
ob-d2085	verification complete
ob-d2087	verification complete
ob-d1227	verification complete
ob-d1442	in progress

ob-d1486 will be handed off, though ticket needed for drive failure replacement  
ob-d1464 and ob-d1475 will be handed off, users will need to verify their replication/fs configurations

ob-d1438, ob-d1442, ob-d2071, ob-d2126 has issues being addressed for final verification and hand off

Kim Tran  
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**From:** Tran, Kim <[Ngoc.Tran@dell.com](mailto:Ngoc.Tran@dell.com)>  
**Sent:** Tuesday, June 22, 2021 9:14 AM  
**To:** <undisclosed>  
**Subject:** Re: Oberon Consolidation Starting 6.17.21 - Please review

Morning Sandy,

ob-d2066 in progress  
ob-d1490 in progress  
ob-d1406 in progress  
ob-d2065 in progress  
ob-  
d1438 in progress  
ob- rack in  
d2105 progress  
ob-  
d2126 in progress  
ob-  
d1469 in progress

ob-  
d1486 in progress  
ob-  
d1464 in progress  
ob-  
d1475 in progress  
ob-  
d2071 in progress  
ob-  
d1447 in progress  
ob-  
d2085 in progress  
ob-  
d2087 in progress  
ob-  
d1227 in progress  
ob-  
d1442 in progress

There should be another update by end of day, and some arrays should be ready for handoff.

thanks,

Kim Tran  
Lab Systems Engineer

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**From:** [REDACTED]  
**Sent:** Monday, June 21, 2021 9:43 AM  
**To:** Tran, Kim <[Ngoc.Tran@dell.com](mailto:Ngoc.Tran@dell.com)> <undisclosed>  
**Subject:** RE: Oberon Consolidation Starting 6.17.21 - Please review

Hi Kim,

Can you provide one overall list of the status of verifications?



Thanks.  
Sandy

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**From:** Tran, Kim <[Ngoc.Tran@dell.com](mailto:Ngoc.Tran@dell.com)>

**Sent:** Friday, June 18, 2021 3:33 PM

**To:** <undisclosed>

**Subject:** Re: Oberon Consolidation Starting 6.17.21 - Please review

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Folks,

Cab 66L has been racked and stacked, cabled, and powered on.  
Verifications are still in progress to address any issues found.

Notifications will be sent out after verification of arrays done and ready for handover.

Cab 66M is on scheduled to be worked 6/21.

Arrays in cab 66L:

ob-d1469  
ob-d1475  
ob-d1486  
ob-d1490  
ob-d2065

thanks,

Kim Tran  
Lab Systems Engineer  
Infrastructure Solutions Group  
Dell EMC | IEO Cloud Operations

office: +1 919 767-0885

[ngoc.tran@dell.com](mailto:ngoc.tran@dell.com)

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**From:** Tran, Kim <[Ngoc.Tran@dell.com](mailto:Ngoc.Tran@dell.com)>

**Sent:** Thursday, June 17, 2021 3:24 PM

**To:** <undisclosed>

**Subject:** Re: Oberon Consolidation Starting 6.17.21 - Please review

Folks,

Cab 66K has been racked and stacked, cabled, and powered on.  
Verification will be done tomorrow to address any issues found.

Cab 66L is on scheduled to be worked tomorrow 6/18.

Arrays in cab 66K:

ob-d1227

ob-d1406

ob-d1438

ob-d1442

ob-d1447

ob-d1464

thanks,

Kim Tran

Lab Systems Engineer

I

**From:** [REDACTED]

**Subject:** RE: Oberon Consolidation Starting 6.17.21 - Please review

Thanks Sandy.

And thanks to all for your help in this effort.

Cheers,

Joey

**From:** [REDACTED]

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**Subject:** Oberon Consolidation Starting 6.17.21 - Please review -

All,  
Note that the arrays below are scheduled to start relocation on 6.17.21. To expedite readiness the new locations have been pre-cabled and network setups preconfigured. Daily emails will be sent to track progress, arrays that are ready for use and any issues. It is important to note that all IPs and equipment names will remain the same.

Cheers,

Joey

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED] Tran, Kim;

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**Subject:** RE: Oberon Consolidation - Please Review and Reply

Yes mam.

Are we OK to start the 17<sup>th</sup>?

Joey

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Tran, Kim

**Subject:** RE: Oberon Consolidation - Please Review and Reply

Okay, so do I assume that as of 6/17 all will be offline until you notify all are back online?

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Tran, Kim

**Subject:** RE: Oberon Consolidation - Please Review and Reply

Sandy,

The 17<sup>th</sup> is still our target if all testing is done. We will be moving all arrays over a week long period and will notify all once they are back online.

Cheers,

Joey

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Tran, Kim

**Subject:** RE: Oberon Consolidation - Please Review and Reply

Hi Joey,

Just wanted to follow up on this.

Is the plan to still start relocations this Thursday, 6/17?

Any way you can tell me when my array (OB-D1227) will be moved?

I just want to notify John [REDACTED]. He's the primary user of the array.

Thanks.

Sandy

[REDACTED] Tran, Kim

**Subject:** RE: Oberon Consolidation - Please Review and Reply

Please see below.

Name	SPE Chassis SN	PSNT	Model	Tile	Owner	Reserved By	Reservation Made By	Reservation Purpose
OB-D1227	FNM00153500438	FNM00153500446	Unity 500	82J	[REDACTED]	[REDACTED]	[REDACTED]	Code Deployment
OB-D1438	APM00182701584	APM00182815131	Unity 450F	82K	[REDACTED]	[REDACTED]	[REDACTED]	CTA testing
OB-D1442	APM00182324197	APM00182807907	Unity 550F	82T	[REDACTED]	[REDACTED]	[REDACTED]	test
OB-D1469	APM00182608208	APM00182820079	Unity 450F	82U	[REDACTED]	[REDACTED]	[REDACTED]	I&C
OB-D1486	APM00182542932	APM00183018990	Unity 550	82U	[REDACTED]	[REDACTED]	[REDACTED]	CTA testing
OB-D1490	APM00182541130	APM00182815455	Unity 450F	82I	[REDACTED]	[REDACTED]	[REDACTED]	test
OB-D2065	APM00190120111	APM00190620000	Unity	82J	[REDACTED]	[REDACTED]	[REDACTED]	Reserve CFT Unity

	7	8	600					
OB-D2066	APM00185118826	APM00190620007	Unity 600	82F				SP Testing
OB-D2105	APM00184930092	APM00191124030	Unity 500	82N				TEST
OB-D2126	APM00192018193	APM00192101768	Unity 300	82S				SP Testing
OB-D1406	APM00170706858	APM00170706850	Unity 300	86G				Share to VSA team
OB-D1447	APM00182324192	APM00182802860	Unity 550F	86N				CTA testing
OB-D1464	APM00182423841	APM00182808135	Unity 450F	86F				It is reserved in Go project.
OB-D1475	APM00182549052	APM00182802856	Unity 450F	86F				CTA testing
OB-D2071	APM00191003820	APM00191008568	Unity 650F	86K				Reserve CFT Unity
OB-D2085	APM00190617332	APM00190907717	Unity 500	86N				I&C
OB-D2087	APM00184715889	APM00190907719	Unity 400	86U				vc_hyperv_warnad

Joey

Tran, Kim

**Subject:** RE: Oberon Consolidation - Please Review and Reply

OK. All in Swarm. Will pull

Joey

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Tran, Kim

**Subject:** RE: Oberon Consolidation - Please Review and Reply

Hi Joey,

Can you provide names of who has the equipment reserved and also the Responsible Manager?

Thanks.

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Tran, Kim

**Subject:** RE: Oberon Consolidation - Please Review and Reply

All,

Just wanted to check back that we are OK to start array relocation starting on 6.17.21 for all of Oberon's below. Please note that we are in the process of pre-cabling all arrays for the new locations along with the addition of new Dell Infrastructure. It is important to note that all array names, IPs and Vlans will stay the same post relocation. The moves will be executed from 6.17 - 6.25 and we will notify all as the arrays come back online in the new location. Please ensure all users are aware.

ob-d2066  
ob-d1490  
ob-d1406  
ob-d2065  
ob-d1438  
ob-d2105  
ob-d2126  
ob-d1469

ob-d1486

ob-d1464

ob-d1475

ob-d2071

ob-d1447

ob-d2085

ob-d2087

ob-d1227

ob-d1442

Cheers,

**Joey**

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Tran, Kim

**Subject:** RE: Oberon Consolidation - Please Review and Reply

Hi Joey,

So far, no one object to do move on June 17<sup>th</sup>.

One question is OB-D1406 is listed both in Row 86 and Row 82. From Swarm information, it is located in 86G. Could you please double check?

Thanks!

Thanks,  
Jennifer



\_\_\_\_\_; Tran, Kim

**Subject:** RE: Oberon Consolidation - Please Review and Reply

Many thanks!

Joey

\_\_\_\_\_  
Tran, Kim

**Subject:** RE: Oberon Consolidation - Please Review and Reply

Hi Joey,

Sorry for not replying in time.

If Goshawk will be RTS on June 9<sup>th</sup> as planned. June 17<sup>th</sup> to start relocation should be fine.

I am checking with related managers to get their feedback. I will reply to you for their feedback.

And I will inform you around June 10<sup>th</sup> to see if there is any change for Goshawk Golden Run test.

Thanks,  
Jennifer

\_\_\_\_\_  
Tran, Kim

**Subject:** RE: Oberon Consolidation - Please Review and Reply

All,  
Reminder. Please advise.

Joey

Tran, Kim

**Subject:** Oberon Consolidation - Please Review and Reply

Jennifer,

Wanted to circle back once more on the plans to consolidate all Oberon's into one area. We currently have a consolidation plan and cable Matrix for the arrays below to relocate from row 82 & 86 to row 66. **As agreed we are targeting work to start 6.17.21** Please let us know if this date is OK. As I recall you all are still executing Goshhawk test. It is important to note that we have or will:

- Pre-cable new row
- Add additional Network and Fiber Switches for array moves
- No IPs or Equip. Names will change and access will remain the same

We will manage the Hosts moves for this area as a separate effort.

ob-d2066  
ob-d1490  
ob-d1406  
ob-d2065  
ob-d1438  
ob-d2105  
ob-d2126  
ob-d1469  
ob-d1486

ob-d1464  
ob-d1475  
ob-d2071

ob-d1447  
ob-d2085  
ob-d2087

ob-d1227  
ob-d1442

**Joey**

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