

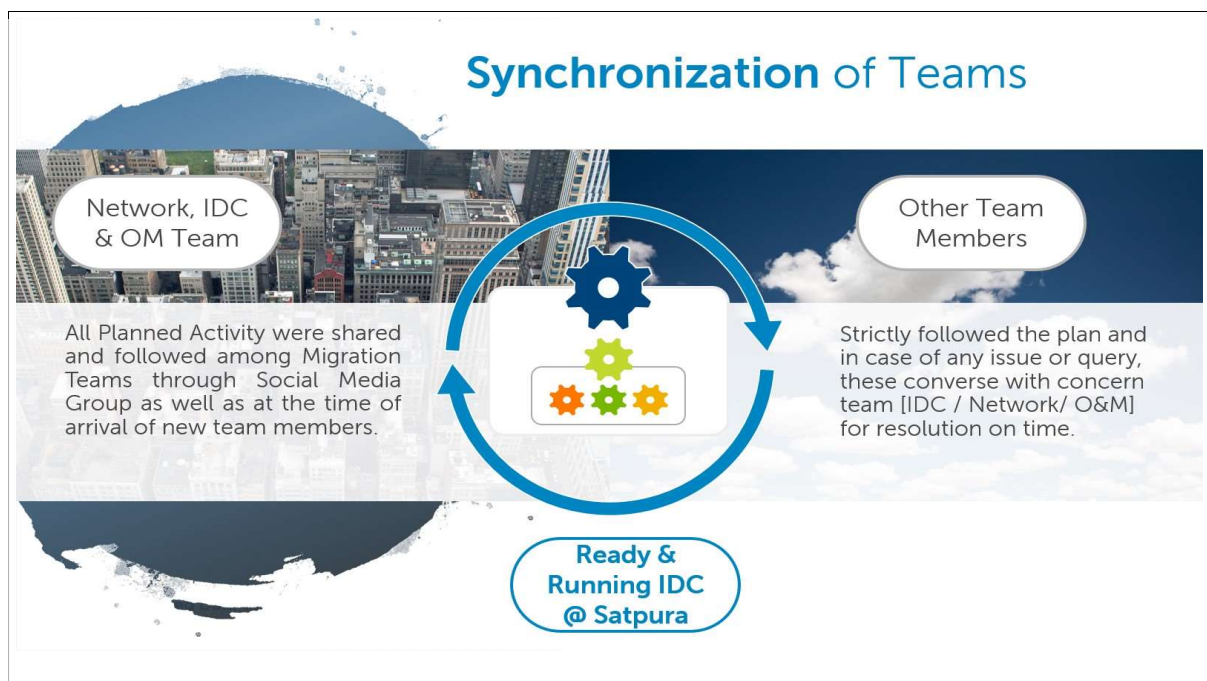
## **Migration of ICT Infrastructure of IDC (Internet Data Center), NIC, Madhya Pradesh, Bhopal [From Vindhyachal Bhawan to Satpura Bhawan]**

The NIC State Center of Madhya Pradesh shifted to its new premises in Satpura Bhawan, Bhopal. Due to this, the Migration of ICT Infrastructure of IDC (Internet Data Centre), NIC, Madhya Pradesh, Bhopal from old office in Vindhyachal Bhawan to New premises of Satpura Bhawan had to take place. This was planned during 17<sup>th</sup> to 20<sup>th</sup> March 2023 and accordingly, downtime was scheduled from 18:00 of 17<sup>th</sup> March to 14:00 of 20<sup>th</sup> March 2023.

Under the guidance to Shri Vijay Kumar Vishwakarma, DDG & State Informatics Officer and leadership of Shri Sanjay Hardikar, DDG, Team-IDC, with the support of all divisions and stake holders could carry out this task in a seamless manner.

Before the activity, exhaustive discussions, study & planning was done in collaboration with all the stakeholders, including migration Agency (on-boarded for this activity). As many critical and important Applications are operational from IDC, Bhopal, it was decided to run the migration activity continuously in round the clock manner (24x7) to complete the same within the approved scheduled downtime. It was also decided to involve NIC members of other Divisions/Groups, besides the core members of IDC, Web & Cloud Services Division, Infrastructure & Maintenance Division and Network Maintenance Division.

To provide complete understanding about the Migration Plan to each participating members, a briefing session was held with all the stake holders on the migration activities & processes. Related queries were answered, and suggestions were incorporated to further improve the process.



All planned activities shared among all the teams, for synchronization among IDC, Web & Cloud Services Division, Infrastructure & Maintenance Division and Network Maintenance Division. Fast Internal Communication among the participating members to share ongoing or completed or forthcoming activities was established. These teams along with participating members of other Divisions/Groups played a crucial and pivotal role in setting up IDC@Satpura Bhawan in optimal time-frame.

With the active support from all the members & stakeholders, the IDC migration activity commenced on 17<sup>th</sup> March 2023 and Data Centre Services were restored at 12:30 on 19<sup>th</sup> March 2023, 25 hours before the scheduled downtime. The teams worked at both ends continuously round the clock to accomplish the task It is noteworthy that whole migration activity was completed, and DC Services were made operational in 40 hours which is a remarkable feat.

<b>Brief Status of Activities</b>				
S.N	Date	Time	Activity at Vindhychal Bhawan	Activity at Satpura Bhawan
1	17 <sup>th</sup> March	18:00:00	Disconnected Internet Gateway for Users & Public and Backup Started	
2		20:00:00	Shutdown Completed	
3		20:00:00	Dismantling of Equipment Started	
4		23:30:00	Dismantling of Network Equipment Completed	
5	18 <sup>th</sup> March	01:00:00	Network Equipment Packed & Tagged	
6		07:00:00	IDC Equipment Dismantled Completely	
7		07:00:00	Network Equipment Transported	Network Equipment Received
9		08:30:00		Unpacked the Network Equipment
10		10:30:00		Network Restored
11		12:00:00		Racks & other Equipment Received
12		12:30:00		Racks & Equipment Unpacked and Racks Mounted
13		15:00:00		Started assembling of Equipment in the designated Racks
14		18:00:00	All IDC Equipment Transported	All IDC Equipment Received
16		19 <sup>th</sup> March	00:00:00	
17	06:00:00			LAN & Power Cabling Completed
18	08:30:00			Started Powering the Setup
19	10:00:00			IDC Setup Started Completely
20	12:00:00			Restarted IDC Setup to Recheck the Functioning of Equipment
21	12:30:00			Data Centre Services Restored Successfully to the Users & Public

Contributed By  
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 NIC, Madhya Pradesh Bhopal

Dated: - 05-04-2023

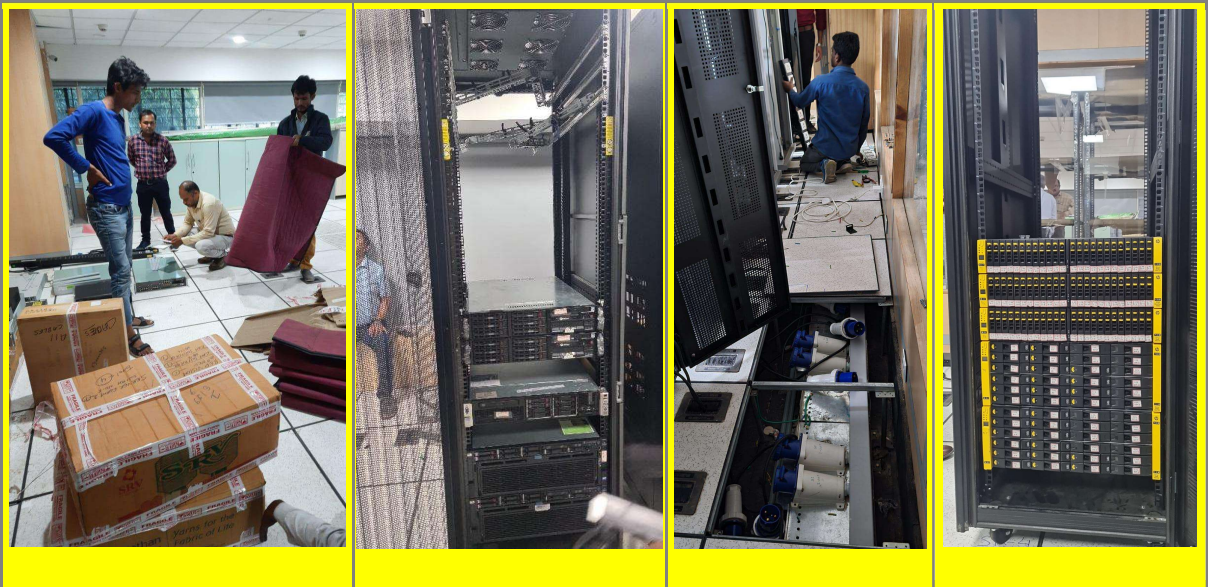
## Glimpses of the Activities



A. Dismantling



B. Packing & Transportation



**C. Unpacking & Assembling**



**D. IDC Operational @ Satpura Bhawan**