

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/INST/052
Issued By: M.R		Approved By: HOD - INSTRUMENTATION	
SOP for Connectivity Server Startup			

### Procedure:

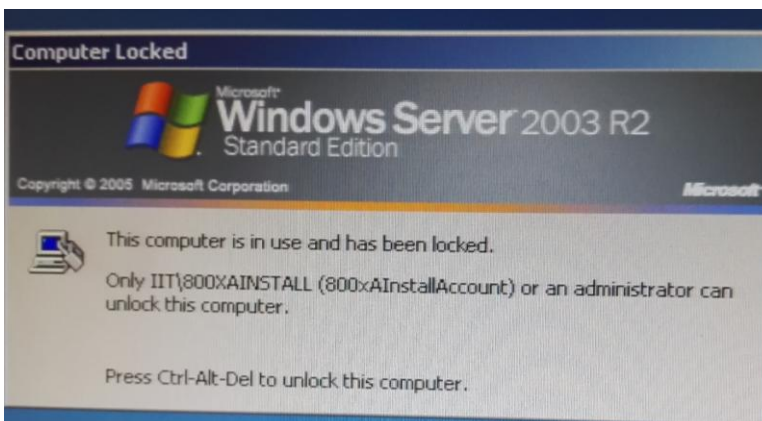
- Ensure Power supply cable was connected and Power Led was glowing at rear side of the server.



- Press the power button to startup the server and Ensure All hard disk power LED is glowing and Hard disk Communication LED is blinking in green color.



- Wait until display of log in window. If there is no progress in startup or Login window not displayed with in 5 Min please contact the concern for further support.

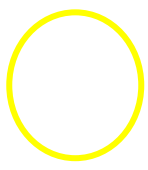




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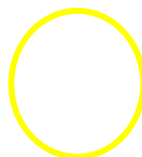
- Press Ctrl-Alt-Del Button and provide User name & password to login the system.
  - Ensure PN1& PN2 & CN&CN2 Networking cables are connected in rear side of the server.
  - Ensure PN1 & PN2 and CN1 & CN2 Networks is connected at right bottom of the system.
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- Ensure AFW icon is green color in bottom right corner of the system after login.



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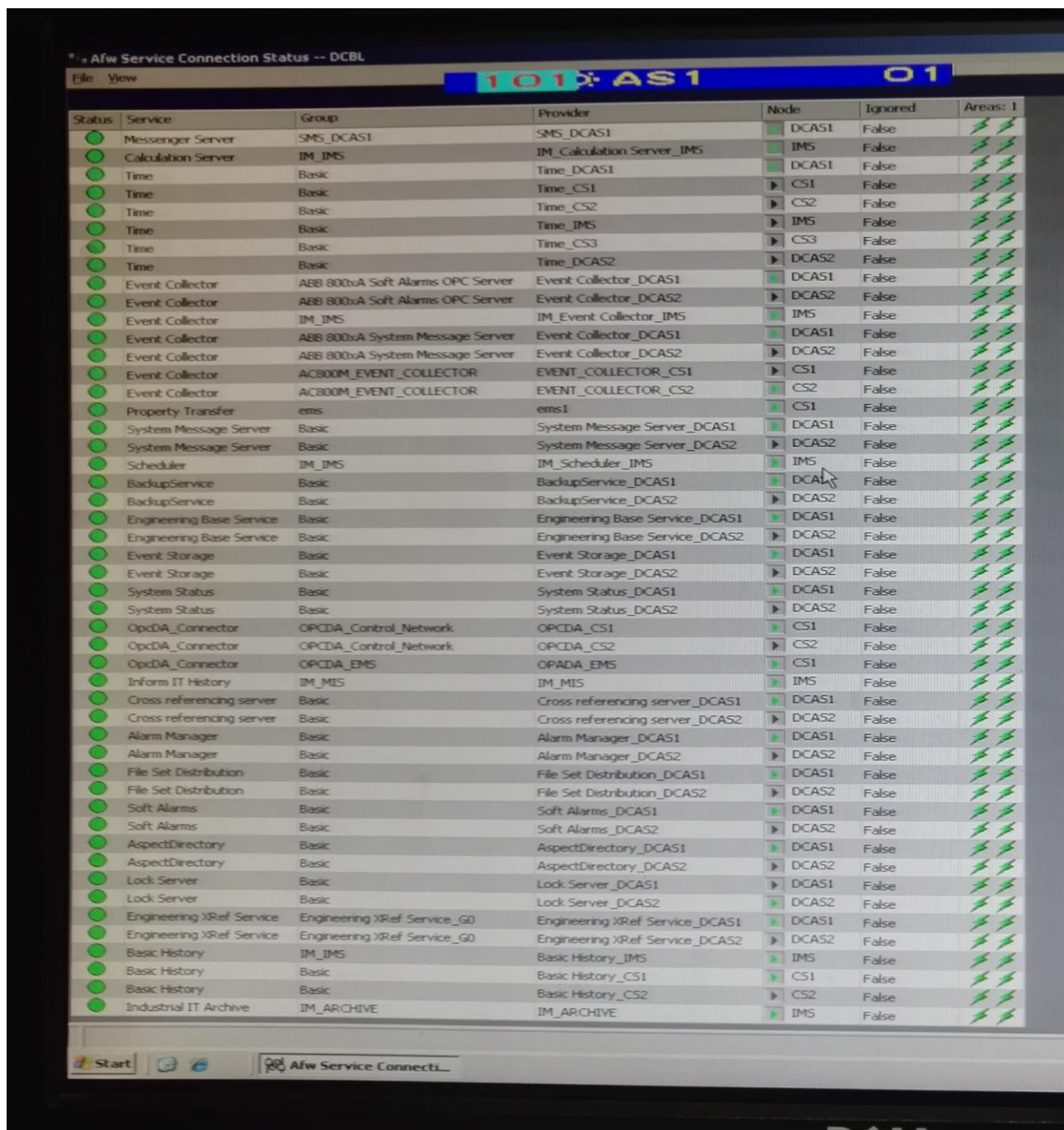


- Double click the AFW icon and ensure all services are green color which is related to Connectivity server.

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## SOP for Connectivity Server Startup

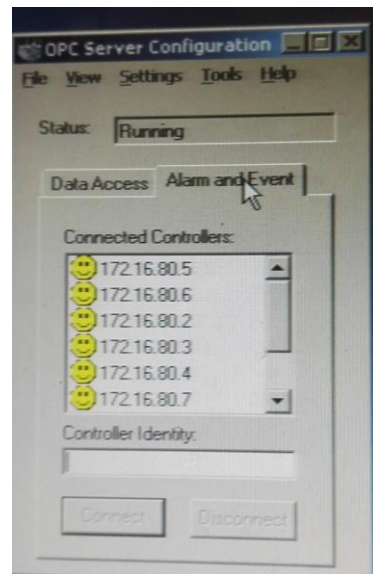
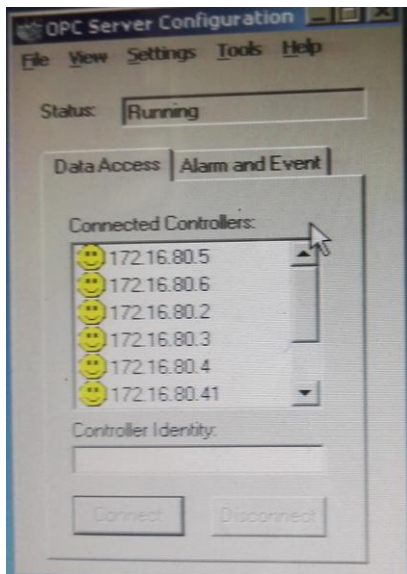
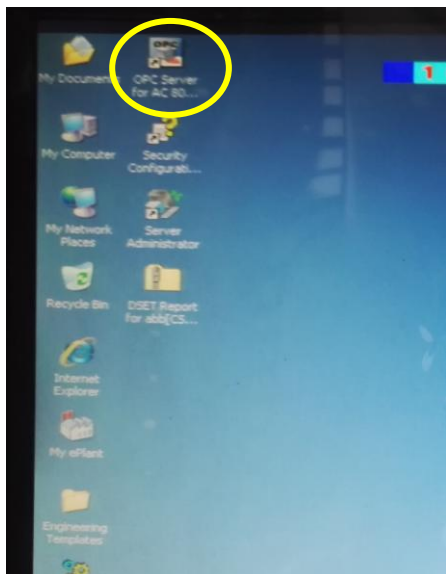


The screenshot shows the 'Afw Service Connection Status -- DCBL' window. The title bar includes '101: AS1' and '01'. The table below lists various services, their groups, providers, nodes, and whether they are ignored or have areas.

Status	Service	Group	Provider	Node	Ignored	Areas: 1
●	Messenger Server	SMS_DCAS1	SMS_DCAS1	DCAS1	False	✓
●	Calculation Server	IM_IMS	IM_Calculation Server_IMS	IMS	False	✓
●	Time	Basic	Time_DCAS1	DCAS1	False	✓
●	Time	Basic	Time_CS1	CS1	False	✓
●	Time	Basic	Time_CS2	CS2	False	✓
●	Time	Basic	Time_IMS	IMS	False	✓
●	Time	Basic	Time_CS3	CS3	False	✓
●	Time	Basic	Time_DCAS2	DCAS2	False	✓
●	Event Collector	ABB 800xA Soft Alarms OPC Server	Event Collector_DCAS1	DCAS1	False	✓
●	Event Collector	ABB 800xA Soft Alarms OPC Server	Event Collector_DCAS2	DCAS2	False	✓
●	Event Collector	IM_IMS	IM_Event Collector_IMS	IMS	False	✓
●	Event Collector	ABB 800xA System Message Server	Event Collector_DCAS1	DCAS1	False	✓
●	Event Collector	ABB 800xA System Message Server	Event Collector_DCAS2	DCAS2	False	✓
●	Event Collector	AC800M_EVENT_COLLECTOR	EVENT_COLLECTOR_CS1	CS1	False	✓
●	Event Collector	AC800M_EVENT_COLLECTOR	EVENT_COLLECTOR_CS2	CS2	False	✓
●	Property Transfer	ems	ems1	CS1	False	✓
●	System Message Server	Basic	System Message Server_DCAS1	DCAS1	False	✓
●	System Message Server	Basic	System Message Server_DCAS2	DCAS2	False	✓
●	Scheduler	IM_IMS	IM_Scheduler_IMS	IMS	False	✓
●	BackupService	Basic	BackupService_DCAS1	DCAS1	False	✓
●	BackupService	Basic	BackupService_DCAS2	DCAS2	False	✓
●	Engineering Base Service	Basic	Engineering Base Service_DCAS1	DCAS1	False	✓
●	Engineering Base Service	Basic	Engineering Base Service_DCAS2	DCAS2	False	✓
●	Event Storage	Basic	Event Storage_DCAS1	DCAS1	False	✓
●	Event Storage	Basic	Event Storage_DCAS2	DCAS2	False	✓
●	System Status	Basic	System Status_DCAS1	DCAS1	False	✓
●	System Status	Basic	System Status_DCAS2	DCAS2	False	✓
●	OPCDA_Connector	OPCDA_Control_Network	OPCDA_CS1	CS1	False	✓
●	OPCDA_Connector	OPCDA_Control_Network	OPCDA_CS2	CS2	False	✓
●	OPCDA_Connector	OPCDA_EMS	OPCDA_EMS	CS1	False	✓
●	Inform IT History	IM_IMS	IM_IMS	IMS	False	✓
●	Cross referencing server	Basic	Cross referencing server_DCAS1	DCAS1	False	✓
●	Cross referencing server	Basic	Cross referencing server_DCAS2	DCAS2	False	✓
●	Alarm Manager	Basic	Alarm Manager_DCAS1	DCAS1	False	✓
●	Alarm Manager	Basic	Alarm Manager_DCAS2	DCAS2	False	✓
●	File Set Distribution	Basic	File Set Distribution_DCAS1	DCAS1	False	✓
●	File Set Distribution	Basic	File Set Distribution_DCAS2	DCAS2	False	✓
●	Soft Alarms	Basic	Soft Alarms_DCAS1	DCAS1	False	✓
●	Soft Alarms	Basic	Soft Alarms_DCAS2	DCAS2	False	✓
●	AspectDirectory	Basic	AspectDirectory_DCAS1	DCAS1	False	✓
●	AspectDirectory	Basic	AspectDirectory_DCAS2	DCAS2	False	✓
●	Lock Server	Basic	Lock Server_DCAS1	DCAS1	False	✓
●	Lock Server	Basic	Lock Server_DCAS2	DCAS2	False	✓
●	Engineering XRef Service	Engineering XRef Service_G0	Engineering XRef Service_DCAS1	DCAS1	False	✓
●	Engineering XRef Service	Engineering XRef Service_G0	Engineering XRef Service_DCAS2	DCAS2	False	✓
●	Basic History	IM_IMS	Basic History_IMS	IMS	False	✓
●	Basic History	Basic	Basic History_CS1	CS1	False	✓
●	Basic History	Basic	Basic History_CS2	CS2	False	✓
●	Industrial IT Archive	IM_ARCHIVE	IM_ARCHIVE	IMS	False	✓

- Double Click the OPC Server for AC800M icon at Desktop and ensure all controller services are showing yellow.

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- Now the system is ready for operation.