Audit Report for Audit ID - AU0069-4 BPM Audit Report for IT Department

Audit Score 89/100

Details

Audit	AU0069
Scheduled Audit	AU0069-4
Location	Hyderabad
Hotel	Marigold Hotel
Department	BPM-IT
Checklist	BPM Audit Report for IT Department
Audit Type	Internal
Auditor	Venkat A
Start Date	01-05-2019
End Date	31-05-2019
Submitted Date	31-05-2019
Status	Completed
Assigned By	Administrator Account
Non-Compliance	22
Chronic Issues	7

Comparison

MARIGOLD HOTEL BPM AUDIT REPORT FOR IT DEPARTMENT

BPM AUDIT REPORT FOR IT DEPARTMENT		Nov 2018	May 2019	VARIANCE	% of Increase /
S.No	Sections	SCORE OBTAINED	SCORE OBTAINED		Decrease (-/ +)
1	Critical Tasks	95	85	-10	-10.53%
2	IT intiatives	90	85	-5	-5.56%
3	Server Maintenance	90	93	3	3.33%
4	Computer Hardware Printers & Switches	90	84	-6	-6.67%
5	EPABX Telephones and Mobiles	88	93	5	5.68%
6	Internet WIFI	89	88	-1	-1.12%
7	Software Audit	96	100	4	4.17%
8	Network Security	95	90	-5	-5.26%
9	Business Applications	85	89	4	4.71%
10	CCTV	87	83	-4	-4.6%
11	AMC & Insurance	93	92	-1	-1.08%
12	Documentation and Others	84	84	0	0%
	Audit Score	90	8 9	-1	-1.11%

•	80-100 = Green	Good / Excellent
	61-79 = Yellow	Average
-	60 below is Red	Poor / Fair

Non-Compliance

Section: Critical Tasks
Subsection: Important Tasks

1: Daily downloading of latest Antivirus SUPERDAT file NC

Rating: 0

Observation Text:

not doing

2: Internet access to users as per our policy NC Rating: 7

Observation Text:

few users are acces. checked in finance systems

3: Monthly back up of Fire Wall configuration NC Rating: 0

Observation Text:

not done

Section: IT initiatives
Subsection: IT initiatives

1: Passport scanner integration working . NC

Rating: 0

Observation Text: integration not working

2: Guest Room key card interface to PMS. NC

Rating: 0

Section: IT intiatives

Subsection: Data Transfer

1: Visitor Management System functioning. NC

Rating: 5

Observation Text:

software working security team not using

2: Daily P&L account. NC

Rating: 0

3: Online Liquor inventory. NC

Rating: 0

Observation Text:

not using

Section: Server Maintenance **Subsection:** Server Maintenance

1: Rack maintained well - Dust free NC

Rating: 7

Section: Computer Hardware Printers & Switches

Subsection: Computers

1: Regularly taking the computers data backup NC

Rating: 6

Observation Text: not taking regularly

2: Computers are Maintained cleanly NC

Rating: 5
Attachments:

QUE82_IMG_20190530_144758.jpg QUE82_IMG_20190530_144805.jpg QUE82_IMG_20190530_144919.jpg

3: UPS power supply to Computers NC

Rating: 7

Observation Text:

receiving system and kst system doesn't have ups

Section: Computer Hardware Printers & Switches

Subsection: Switches

1: Network chart at switch level to identify NC

Rating: 0

Observation Text : not chart available

Section: EPABX Telephones and Mobiles

Subsection: EPABX

1: Head phones functioning. NC

Rating: 0

Observation Text:

not using

Section: Network Security
Subsection: Firewall

1: Social network sites blocked to unauthorized users NC

Rating: 0

Observation Text : few users are access

ew ascrs are acces

 Exemptions on fire wall documented NC Rating: 7

Observation Text : not up to date

Section: Business Applications **Subsection:** PMS software

1: Usages of Privilege cards maintained on Monthly Basis. NC

Rating: 0

2: KDS - Usage (No Manual printing of KOT) NC Rating: 0

Observation Text : Mekong not using

Section: Business Applications

Subsection: FAMS SALTDS and TDS Pack

1: Weekly tracking backup for 3 softwares NC

Rating: 0

Observation Text : monthly doing

Section: CCTV
Subsection: CCTV

1: Storage of 60 days data NC

Rating: 5

Observation Text: 33 data available

Section: AMC & Insurance **Subsection:** Insurance

1: CCTV Cameras NC

Rating: 0

Section: Documentation and Others **Subsection:** SMART updation

1: Backup summary chart NC

Rating: 0

Observation Text : not updated

Chronic

Section: IT intiatives

Subsection: Data Transfer

1: Daily P&L account. NC

Rating: 0

2: Online Liquor inventory. NC

Rating: 0

Observation Text:

not using

Section: Computer Hardware Printers & Switches

Subsection: Computers

1: Computers are Maintained cleanly NC

Rating: 5
Attachments:

QUE82_IMG_20190530_144758.jpg QUE82_IMG_20190530_144805.jpg QUE82_IMG_20190530_144919.jpg

Section: EPABX Telephones and Mobiles

Subsection: EPABX

1: Head phones functioning. NC

Rating: 0

Observation Text:

not using

Section: Business Applications **Subsection:** PMS software

1: Usages of Privilege cards maintained on Monthly Basis. NC

Rating: 0

2: KDS - Usage (No Manual printing of KOT) NC

Rating: 0

Observation Text: Mekong not using

Section: CCTV
Subsection: CCTV

1: Storage of 60 days data NC

Rating: 5

Observation Text:

33 data available

Audit Questionnaire

Section: Critical Tasks

Subsection: Important Tasks

1: PMS Back up scheduled for every 6 hours

Rating: 10
Attachments:

QUE1_IMG_20190530_210709.png

2: PMS Manual DB backup at 10am on separate PC

Rating: 10

Observation Text:

instead of 10 pm taking 7 am

3: PMS MONTHLY BACKUP ON MEDIA stored at Finance Fire Proof Safe

Rating: 10

4: PMS MONTHLY BACKUP ON MEDIA stored at Unit Head Office

Rating: 10

5: PMS MONTHLY BACKUP ON MEDIA stored at IT Department

Rating: 10

Attachments:

QUE5_IMG_20190530_210753.png

6: Loading latest security patches on server

Rating: 10

7: Daily downloading of latest Antivirus SUPERDAT file NC

Rating: 0

Observation Text:

not doing

8: Fire Wall Policy as per our policy for server / others

Rating: 10

9: PMS INS Yearly data on Media

Rating: 10

Attachments:

QUE9_IMG_20190530_210818.png QUE9_IMG_20190530_210822.png

10: Pen drives blocked on all Systems

Rating: 8

Observation Text:

HR, FINACE, GUEST SYSTEMS AND IT SYSTEMS ARE ACESSES GIVEN

11: Internet access to users as per our policy NC Rating: 7

Observation Text:

few users are acces. checked in finance systems

- 12: EPABX OS back up once in a month Rating: 10
- 13: EPABX Preventive once in 6 months

Rating: 10
Attachments:

QUE13_IMG_20190529_161639.jpg

14: Monthly back up of Fire Wall configuration NC Rating: 0

Observation Text:

not done

15: Monthly back up of FAMS, SAL TDS & TDS pack

Rating: 10
Attachments:

QUE15_IMG_20190530_210852.png QUE15_IMG_20190530_210857.png

- 16: Monthly Audit of website for proper functioning Rating: 10
- 17: Mail Alert for IP camera working Rating: 10

Section: IT intiatives
Subsection: IT initiatives

1: Guest Photo Check-in

Rating: 10 Attachments:

QUE18_IMG_20190530_210918.png

 Passport scanner integration working . NC Rating: 0

Observation Text:

integration not working

3: SMS of Internet password to Guest on Check-in.

Rating: 10 Attachments:

QUE20_IMG_20190530_171934.jpg

4: Guest Room key card interface to PMS. NC

Rating: 0

5: Airport Pickup Software - Zoop.

Rating: 10

6: Room Survey on TAB from guest while Check-out.

Rating: 10

Observation Text:

software working front office team not using

7: Voice logger working.

Rating: 10

8: I-Alert - message working and usage.

Rating: 10
Attachments:

QUE25_IMG_20190530_210950.png

9: SKYRES- call center software functioning and usage.

Rating: 10
Attachments:

QUE26_IMG_20190530_210957.png

10: online Entry of KOT for buffets using TABS.

Rating: 10

11: F&B Surveys on TABS from guest in outlets.

Rating: 10
Attachments:

QUE28_IMG_20190530_211008.png

- 12: Usage of Happy hours. Not Applicable
- 13: Banquet billing with transfer from FP.

Rating: 10

14: Banquet Advance Tagging for reservation

Rating: 10

15: Requirement entry edit restrict after printing FP.

Rating: 10

Section: IT intiatives

Subsection: Data Transfer

1: Sales Force Data Transfer to PMS and PMS to SF.

Rating: 10

2: SKYRES booking transfers.

3: Regular updation of Intranet.

Rating: 8

Observation Text:

hotel events staff events record sales not updated

4: Visitor Management System functioning. NC Rating: 5

Observation Text:

software working security team not using

5: Vendor Tracking System.

Rating: 10

6: Daily P&L account. NC

Rating: 0

7: Online Liquor inventory. NC

Rating: 0

Observation Text:

not using

8: Purchase indent authorization online .

Rating: 10

Attachments:

QUE40_IMG_20190530_211805.png

9: Purchase Requisition authorization online - 2 levels.

Rating: 10

Attachments:

QUE41_IMG_20190530_211816.png

10: PO authorization online - 3 levels.

Rating: 10

11: PO PDF mail.

Rating: 10

12: ANPR system working status.

Rating: 10

13: Mobile provided for Task Manager Working.

Rating: 10

14: IP Camera at - Receiving.

Rating: 10

Attachments:

QUE46_IMG_20190530_211123.png

15: IP Camera at - Banquets Plate wash.

Rating: 10

Attachments:

QUE47_IMG_20190530_211127.png

16: IP Camera at - Banquets Plate Issue Area.

Rating: 10
Attachments:

QUE48_IMG_20190530_211140.png

17: Weighing scale auto capture of weight.

Rating: 10

18: Capture of Photo while receiving.

Rating: 10

Section: Server Maintenance **Subsection:** Server Maintenance

1: Regular Monitoring of Event logs

Rating: 9

2: Regular checking for RAID Alarms

Rating: 9

3: Regular checking for hardware errors

Rating: 9

4: Daily Monitoring of SQL Sever logs

Rating: 9

5: Rack maintained well - Dust free NC

Rating: 7

6: Switch Maintenance at Server room

Rating: 9

7: All patch chords labeled

Rating: 8

Attachments:

QUE57_IMG_20190530_143957.jpg

8: All cables dressed properly and identified

Rating: 8

Attachments:

QUE58_IMG_20190530_144009.jpg

9: Power sockets check

10: Server UPS working condition

Rating: 10

11: Earthing working properly

Rating: 10

12: Regular check of disk usage

Rating: 10

13: Removing un-necessary files /data

Rating: 8

14: Review of user accounts and clean up Not Applicable

15: Loading of latest security patches

Rating: 10

16: Disable of un-necessary services

Rating: 10

17: Anti virus policy for server

Rating: 10

18: Fire wall policy for server

Rating: 10

19: Checking for memory utilisation

Rating: 10

20: Server room temperature below 24 degrees

Rating: 10 Attachments:

QUE70_IMG_20190530_144047.jpg

21: User accounts and policies Not Applicable

22: Deletion of not in use DB's after backup

Rating: 10

23: Admin account restrict from remote login

Rating: 10

24: Don't share the folders except PMS Folder

Rating: 8

Observation Text:

fams sal tds TDs pack in share

Section: Computer Hardware Printers & Switches

Subsection: Computers

- 1: Following the local user access procedure Rating: 10
- Regularly taking the computers data backup NC Rating: 6

Observation Text: not taking regularly

- 3: Monitoring the computers hard drives logs Rating: 8
- 4: Licenced softwares only installed Rating: 10
- 5: Maintaing the systems asset management Rating: 10Attachments :

QUE79_IMG_20190530_200211.jpg QUE79_IMG_20190530_200217.jpg

6: Properly installed the Antivirus Rating: 8

Observation Text:

in finance system anti virus not installed

- 7: Computer Internal firewall is enabled Rating: 10
- 8: Computers are Maintained cleanly NC Rating: 5

Attachments:

QUE82_IMG_20190530_144758.jpg QUE82_IMG_20190530_144805.jpg QUE82_IMG_20190530_144919.jpg

9: UPS power supply to Computers NC Rating: 7

Observation Text:

receiving system and kst system doesn't have ups

10: Yearly once doing the clean format Rating: 8

Observation Text: yearly not doing

11: Mail data backup & deletion of unwanted mails Rating: 8 12: Mailing address book updation

Rating: 10

Section: Computer Hardware Printers & Switches

Subsection: Printers

1: Regular Servicing of Printers

Rating: 10

2: Laser/ Deskjet refill quality

Rating: 9

Section: Computer Hardware Printers & Switches

Subsection: Switches

1: UPS connections to all switches

Rating: 10

2: All patch panels and switches are labeled

Rating: 8
Attachments:

QUE90_IMG_20190530_145228.jpg

3: Dressing of cabling

Rating: 8

Attachments:

QUE91_IMG_20190530_145302.jpg

4: Network chart at switch level to identify NC

Rating: 0

Observation Text :

not chart available

Section: Computer Hardware Printers & Switches

Subsection: UPS Systems

1: Earthing to UPS power supply

Rating: 10

2: Battery working condition

Rating: 10

3: UPS Load distribution chart updated

Rating: 10

4: % of Load on each UPS

Rating: 10

Observation Text:

maintaing 75%

Section: EPABX Telephones and Mobiles

Subsection: EPABX

1: Separate earthing and working status

Rating: 10 Attachments:

QUE97_IMG_20190530_152832.jpg

2: Separate UPS supply and batteries backup

Rating: 10

3: Telephone consoles functioning

Rating: 10

4: Head phones functioning. NC

Rating: 0

Observation Text:

not using

5: Cable from MDF and EPABX dressed properly

Rating: 10
Attachments:

QUE101_IMG_20190530_145617.jpg

6: MDF maintenance

Rating: 9

7: Network diagram available at MDF

Rating: 10

Attachments:

QUE103_IMG_20190530_145645.jpg

8: PRI card functioning

Rating: 10

9: Digital Cards functioning -Any faulty ext.

Rating: 10

10: Analog extensions working -Any faulty ext.

Rating: 10

11: Working condition of FCBC

Rating: 10

12: FCBC battery back up

Rating: 10

Section: EPABX Telephones and Mobiles

Subsection: Telephones

1: Bathroom Phone instrument complaints

Rating: 10

2: Functioning of Digital Phones

Rating: 10

3: Room Phone Instrument complaints

Rating: 10

4: Condition of Room phones

Rating: 10

5: Condition of bathroom phones

Rating: 10

6: Status of standby room phones

Rating: 10

7: Status of standby Bath room phones

Rating: 10

Section: EPABX Telephones and Mobiles

Subsection: Mobile Phones

1: Working condition of phones

Rating: 10

2: Not working/Scrapped phones

Rating: 8

Observation Text:

few phones available

3: Frequency of repairs

Rating: 10

4: CUG Plan utilisation

Rating: 8

Observation Text:

50% 199 plan reaming 299 plan.

Section: Internet WIFI

Subsection: Wireline Internet

1: Condition of Wireline Switches

Rating: 10

2: Provision for Wireline in Banquets

Section: Internet WIFI Subsection: WIFI

1: Working of Access points

Rating: 8

2: Uninterrupted power supply to Access points

Rating: 10

3: Maintenance of Access points and Antennas Not Applicable

4: Signal strength in Public areas

Rating: 8 Attachments:

QUE126_IMG_20190530_151801.jpg

5: Signal strength in Rooms

Rating: 8

6: Signal Strength in Banquets

Rating: 8

Section: Internet WIFI Subsection: General

1: No of staff trained on WIFI - Min.-3/month

Rating: 8

2: Internet load analysis

Rating: 10

3: No.of internet complaints during quarter

Rating: 8

Section: Software Audit Subsection: Software Audit

1: Windows Server Licenses - compliance

Rating: 10 Attachments:

QUE132_IMG_20190530_155655.jpg

2: SQL server licenses - compliance

Rating: 10 Attachments:

QUE133_IMG_20190530_155738.jpg

3: Windows Desktop OS Compliance

Rating: 10

4: Window CAL compliance

Rating: 10

5: SQL CAL compliance

Rating: 10

6: MS office compliance

Rating: 10

Observation Text:

total 13 licence 10 in use

7: Open office usage

Rating: 10

Section: Software Audit

Subsection: Re-installation Procedure

1: Desktop OS Rating: 10

2: MS-Office Rating: 10

Section: Network Security **Subsection:** Antivirus

1: Regularly updating the antivirus

Rating: 10

Observation Text:

auto update

2: All antivirus software version is same

Rating: 10

Observation Text:

using McAfee

3: All computers On-demand scan working fine

Rating: 10

4: Regularly checking the On Access Statistics

Rating: 10

5: All computers Access Protection is enabled

Rating: 10

6: All computers Buffer overflow protection is enabled

Rating: 10

7: All computers On-Delivery E Mail Scanner is enabled

8: Verify that scheduled scanning is enabled Rating: 10

Section: Network Security
Subsection: Firewall

1: Regularly monitoring the Dell Sonic firewall

Rating: 8

Rating: 8

2: New updates and patches are installed

Observation Text:

Recent version new to be installed

- 3: .exe files are blocked to all computers Rating: 10
- 4: Social network sites blocked to unauthorized users NC Rating: 0

Observation Text:

few users are access

- 5: Monitor Firewall client VPN connections usage Rating: 10
- 6: Monitor -Malicious abnormal activity Rating: 10
- 7: Regular review of logs -VPN -Firewall Rating: 10
- 8: Regular review of logs -Routers-IDS-IPS-Firewall Rating: 10
- 9: Default deny policy must be installed Rating: 10
- 10: Exemptions on fire wall documented NC Rating: 7

Observation Text:

not up to date

11: Changes documented Rating: 8

Observation Text : not up to date

Section: Business Applications

Subsection: PMS software

1: Usage of Software

Rating: 10

2: De-activation of ID on employee exit

Rating: 10

3: User access rights review

Rating: 10

4: Parameter changes during last 3 months

Rating: 10

Observation Text:

no changes done

5: Purging of Guest History

Rating: 10

6: Purging of Reservations

Rating: 10

7: Purging of Guest Ledger

Rating: 10

8: Purging of FO Transaction

Rating: 10

9: Online Printing of all FO vouchers through PMS

Rating: 10

10: Usages of Privilege cards maintained on Monthly Basis. NC

Rating: 0

11: Touch Screen Interface

Rating: 10

Observation Text:

Total 2 saffron soul 1 Mekong 1

12: KDS - Usage (No Manual printing of KOT) NC

Rating: 0

Observation Text:

Mekong not using

13: Usage of Debtors followup

Rating: 10

14: Invoices and Reminder Printing

15: Bank Reconciliation Rating: 10

16: Online Voucher print Rating: 10

17: Cheque printing Not Applicable

Section: Business Applications

Subsection: FAMS SALTDS and TDS Pack

1: Software backup location defined properly

Rating: 10

2: Weekly tracking backup for 3 softwares NC Rating: 0

Observation Text : monthly doing

3: Software Updates are done regularly Rating: 10

Section: Business Applications **Subsection:** Time office Software

1: Machine working properly Rating: 10

Section: Business Applications

Subsection: HRMS

1: Usage of all online modules Rating: 8

Observation Text: leaves and incedent management using

3: Payroll Usage Rating: 10

4: Employee Self services Rating: 10

5: Performance Appraisal Rating: 10

6: Training Not Applicable

7: Time Office Integration

Rating: 10

Section: Business Applications

Subsection: Website

1: Regular updation of Website information

Rating: 10

2: Online reservation working status

Rating: 10

Section: Business Applications **Subsection:** DMS software

1: Usage of DMS software

Rating: 10

Section: Business Applications

Subsection: Mailing

1: De-activation of unused mail boxes

Rating: 10

2: Regular monitoring of SPAM Mails

Rating: 10

Section: CCTV

Subsection: Vehicle Tracking System

1: Data capturing happening on Server

Rating: 8

2: Storage of Data Clarity

Rating: 8

3: Reports working and viewed

Rating: 8
Attachments:

QUE195_IMG_20190530_170525.jpg QUE195_IMG_20190530_170539.jpg

4: UPS Backup

Rating: 10

Section: CCTV
Subsection: CCTV

1: Working condition of all cameras

Rating: 8

Observation Text:

total 140

2: CCTV server/NVR working condition.

Rating: 8

3: Clarity of video captured

Rating: 8

4: Storage of 60 days data NC

Rating: 5

Observation Text:

33 data available

5: Deletion of unnecessary data

Rating: 10

6: Mail alert camera

Rating: 10

Section: AMC & Insurance **Subsection:** Computers AMC

1: Servers are covered under AMC Not Applicable

Section: AMC & Insurance **Subsection:** Software AMC

1: PMS Software in AMC

Rating: 10

2: FAMS - Assets software in AMC

Rating: 10

3: Salary TDS pack in AMC

Rating: 10

4: Suppliers TDS pack in AMC

Rating: 10

5: Time office software in AMC

Rating: 10

Section: AMC & Insurance

Subsection: EPABX

1: Epabx in AMC

Rating: 10
Attachments:

QUE209_IMG_20190530_171050.jpg

Section: AMC & Insurance

Subsection: Others

1: Vehicle recording in AMC Not Applicable

Section: AMC & Insurance **Subsection:** Insurance

1: EPABX Rating: 10

2: Passport scanner

Rating: 10

3: Softwares working with Dongle

Rating: 10

4: Voice Logger Rating: 10

5: Laptops in Insurance Rating: 10

6: Insurance for UPS less than 1 KVA Rating: 10

7: CCTV Cameras NC Rating: 0

Section: Documentation and Others **Subsection:** SMART updation

1: Data network updated

Rating: 10

2: Internet Network updated

Rating: 10

3: Distribution charts of switches updated

Rating: 10

4: UPS layout distribution updated

Rating: 10

5: I.P. configuration chart

Rating: 10 Attachments:

QUE222_IMG_20190530_194230.jpg

7: Backup summary chart NC Rating: 0

Observation Text:

not updated

8: Module attributes

Rating: 10

9: Data server configuration

Rating: 10 Attachments:

QUE226_IMG_20190530_200814.jpg

10: CCTV server configuration Not Applicable

11: Desktop configuration

Rating: 10
Attachments:

QUE228_IMG_20190530_200045.jpg

Section: Documentation and Others **Subsection:** Weekly Checklist

1: Run a disk scan to check for hard drive issues

Rating: 8

2: Run a defragmentation program

Rating: 8

3: Run a clean up to delete unneeded files

Rating: 8

4: Delete your cookies

Rating: 8

5: Update your virus definitions

Rating: 8

6: Run a full virus scan

Rating: 8

7: 25% of Assets to be covered

Rating: 8

Section: Documentation and Others **Subsection:** Monthly Checklist

1: Check for updates - OS

Rating: 8

2: Delete/uninstall unneeded or unused programs

3: 50% of the above to be completed Rating: 8

Section: Documentation and Others **Subsection:** Quarterly Checklist

1: Clean your keyboard

Rating: 8

2: Clean your monitor

Rating: 8

3: Clean your peripherals

Rating: 8

4: Change all your passwords