



V5 Hosted / Cloud Configuration- SFTP

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V5 Hosted Cloud Configuration - SFTP

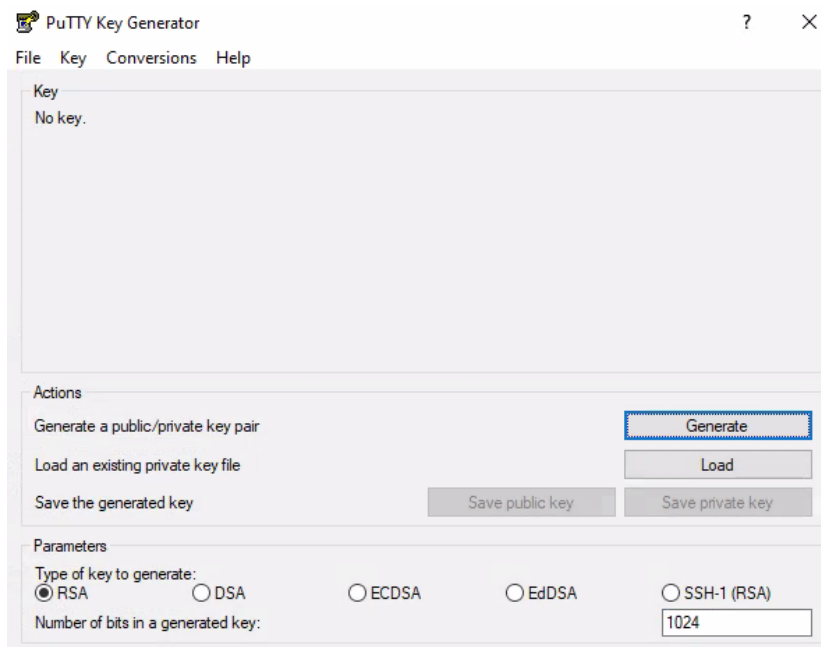
For whitelisting extracts.nor1.com on the hotel side

- 3.212.135.224
- 34.231.219.100
- They need to ensure they are allowing outbound traffic to those 2 IPs over port 22.
- The “first” IP is our current primary SFTP server. The “second” IP is going to be (in the future) our backup SFTP server

Creating a Public/Private Key Pair using Puttygen:

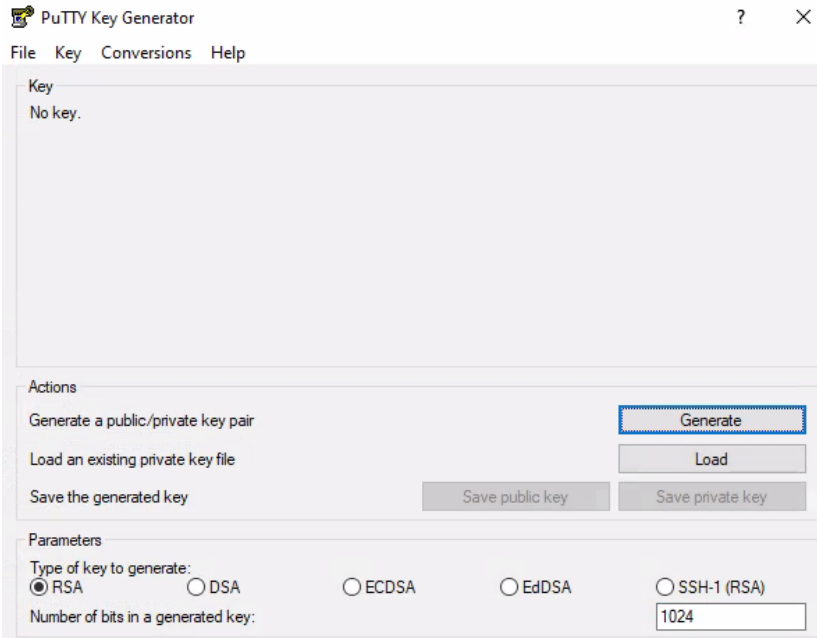
Download PuttyGen on the hotel’s server: <https://puttygen.com/download.php?val=49>

1. In the **Parameters** area, select “RSA”

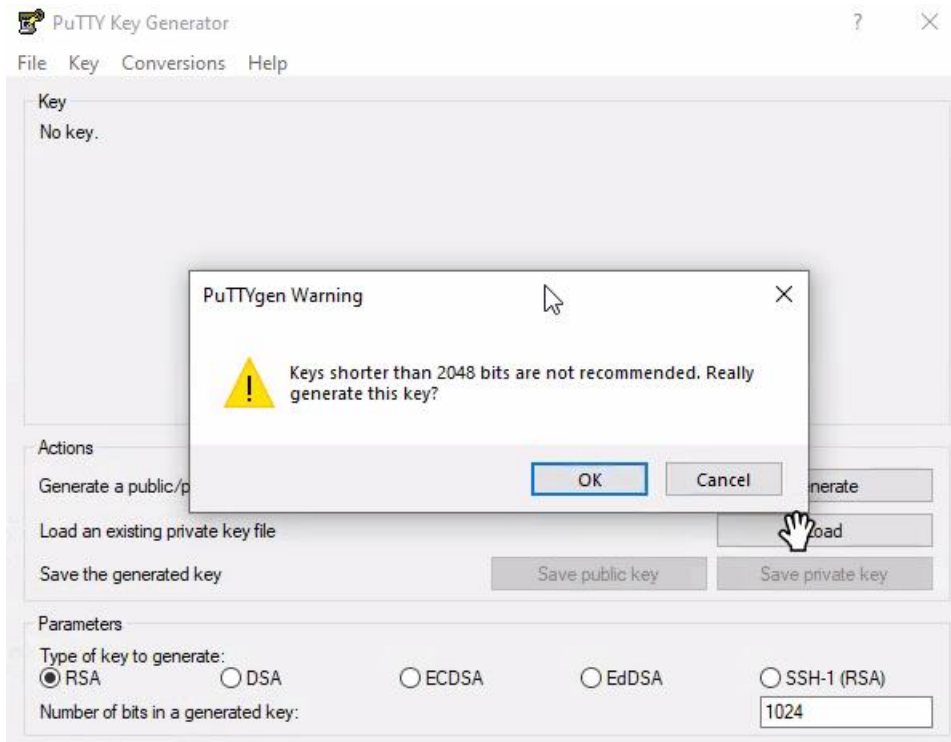


2. Change number of bits in a generated key from 2048 to 1024. Anything above 1024 will not work in Opera.

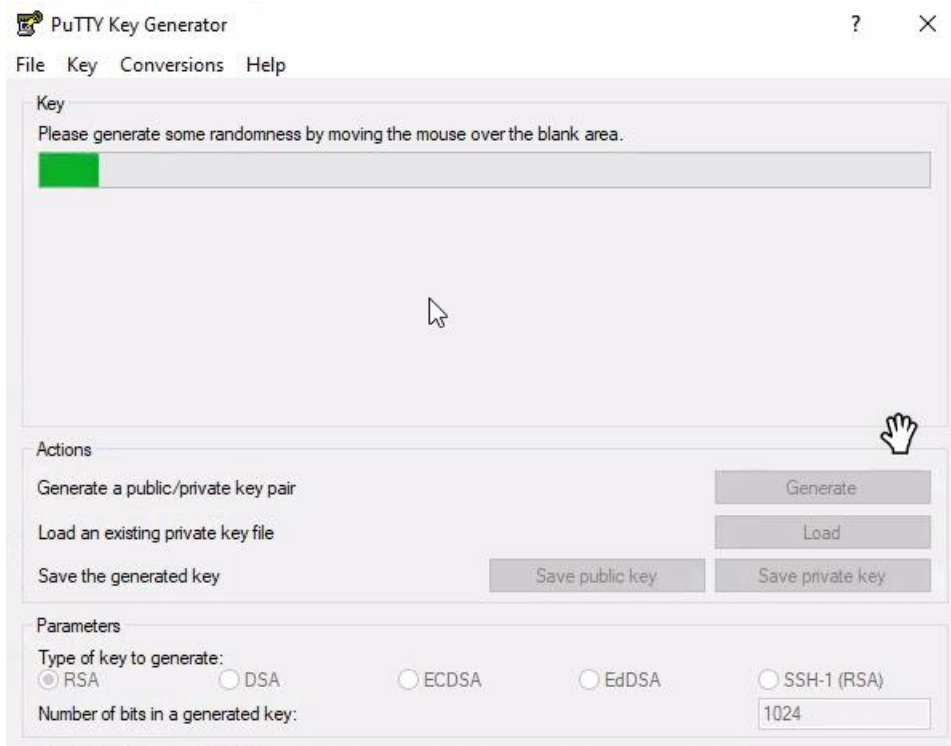
3. Click on Generate



4. From the next warning screen, click 'OK'



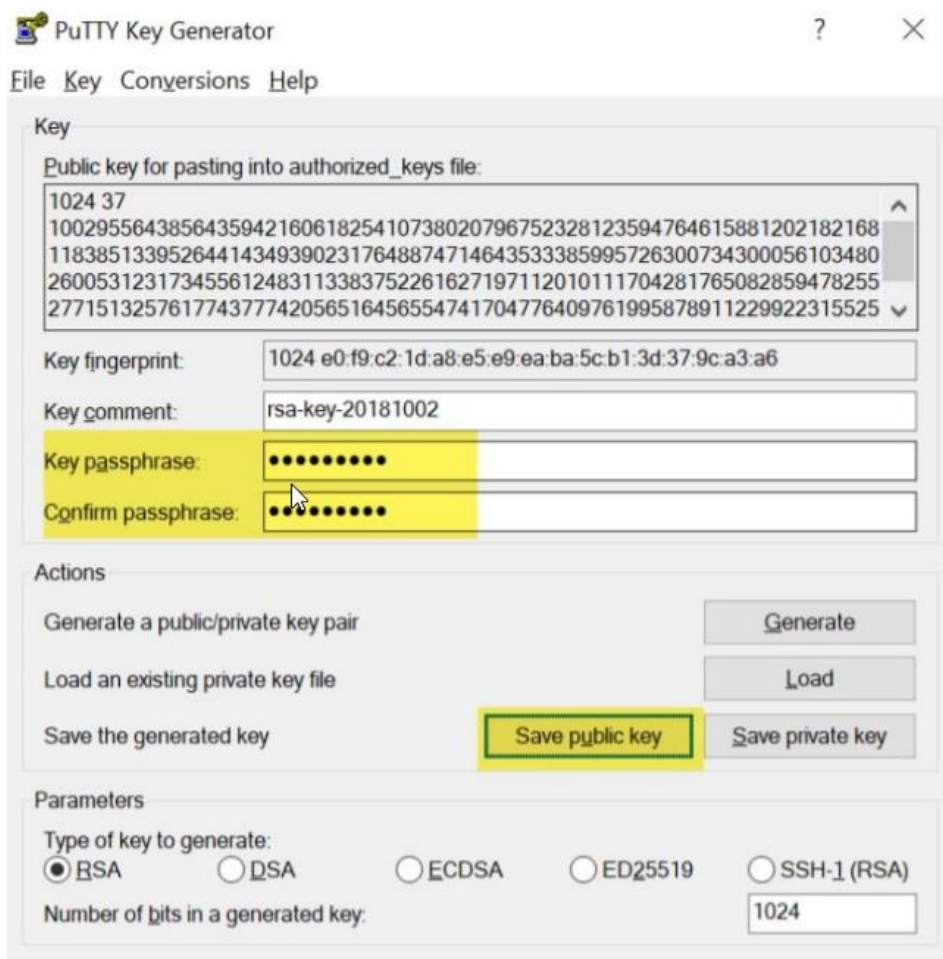
5. Keep moving the mouse over the blank space to generate the key faster (this makes a huge difference!)



6. Once generated, you will get an option to create a passphrase (i.e. password) . Create a passphrase and save the public key using 'Save public key'. Name the file “public_key.pub”

PLEASE USE CP CHAIN + OPERA CODE example: 8PVRPA

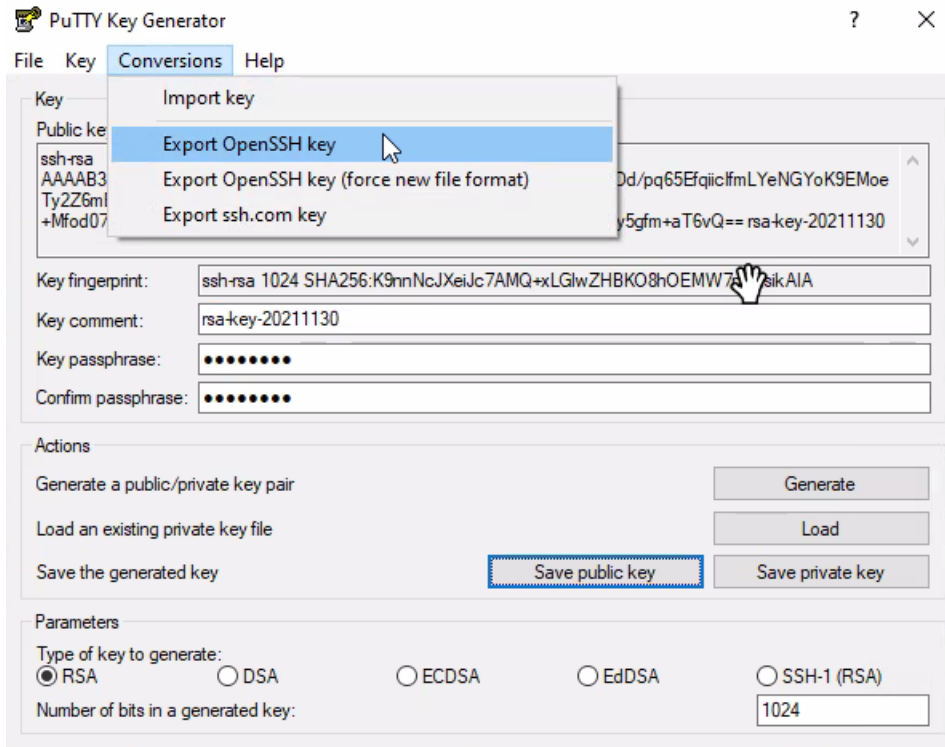
Please advise the contact the password will be used in the validation process and troubleshooting.



Select Save private key, and save it in desktop, this is a .ppk file

The standard Private Key can be used in the future to re-generate the public and SSH key if needed (migration, server loss, upgrades, etc.). The hotels should be advised to keep the private keys and their passwords secure and backed up, and never to send them to us as they should be treated as confidential. We only need the public key.

7. Save the private key by going to 'Conversions' > Export Open SSHkey. Do not use the 'Save private key' option, it will not work in Opera.



Name the exported private key "Operaprivatekey.key".

Checking the key, you can open the Public Key in a text editor and it should look like this:

```
---- BEGIN SSH2 PUBLIC KEY ----
```

```
Comment: "rsa-key-20211201"
```

```
AAAAB3NzaC1yc2EAAAADAQABAAQGCblNMvwPISToqTVCqNlqDJeyRodY0y6pXB
```

```
IV0rCq+Vdv3joX1k8MrIpeMrR4eMfWVa6h182XKzGTJEXrOKZIL6GP/lr/N+hahb
```

```
UveMmvvwrUoR8SczS1yeD4wmp9f2XpDtvMQDQ/Y+UW13OKyOTI0pYvtgXbfBRsgA
```

```
aRtEQ6UgCw==
```

```
---- END SSH2 PUBLIC KEY ----
```

*****THIS KEY IS THE ONE TO BE VALIDATED IN OPERA *****

8. Send this Public key to your email, and save them in a zip file

9. Create a ticket in Jira requesting **Whitelisting for SFTP and Endpoint creation**, mention the Public IP and Data Server Proxy and Load Balancer IP's.

Here is the link to access the Data Center Proxy IPs per region. You can find the region in pineapple.

<https://confluence.oraclecorp.com/confluence/pages/viewpage.action?spaceKey=GBUCS&title=GBUCS+3+Proxy+Specifics>

Attach the Public Key zip file. Please consider turnaround time from 3-5 days.

***Emphasize in the ticket that this request is for CM data sync reports ***

Include in the ticket "Please configure the file path for the reports"

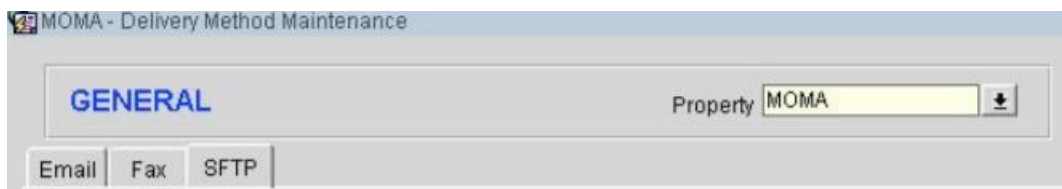
Note: The Public IP for SFTP needs to be of the application server . In most cases it will be the same IP(s) as their OXI server.

Configuring SFTP in OPERA

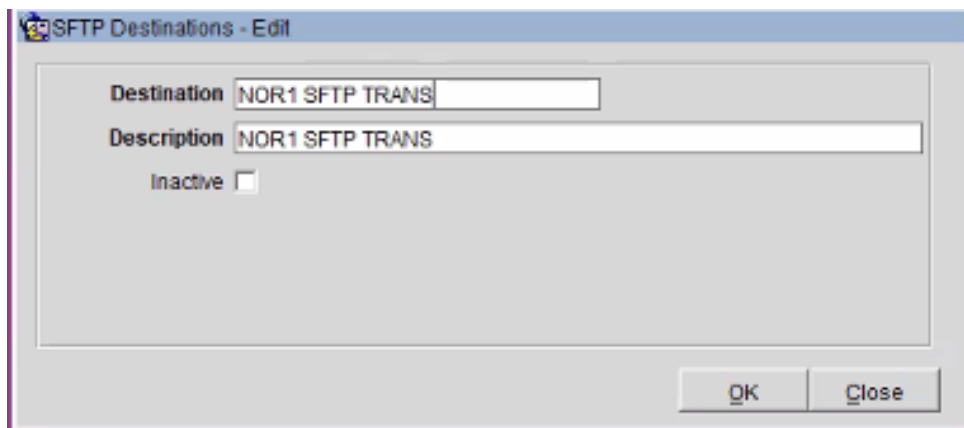
Important: You must obtain the Chain code from Pinneapple list.

<https://apex.oraclecorp.com/pls/apex/f?p=23830:1:6129193984439:::>

1. Access Opera Configuration > Property > Delivery Method > General > Click on 'SFTP' tab.



2. Click on the 'NEW' and configure the SFTP Destination as follows:

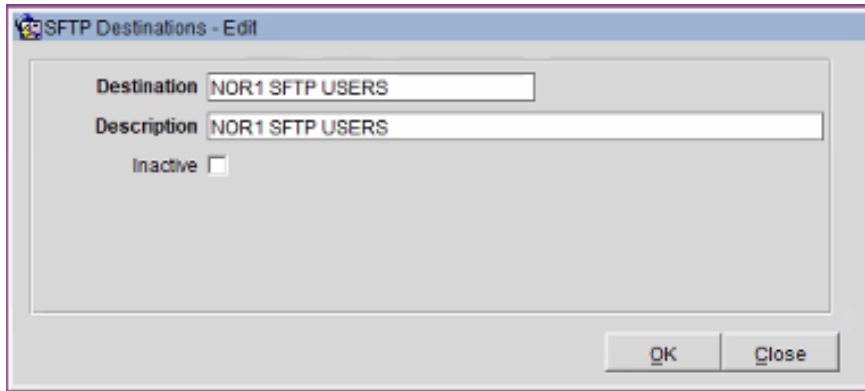


Destination: NOR1 SFTP TRANS

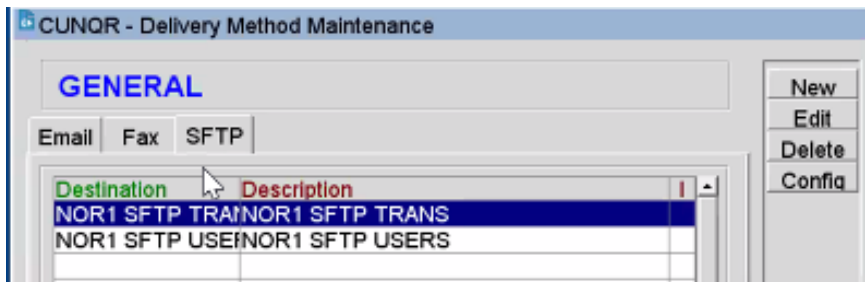
Description: NOR1 SFTP TRANS

Click 'OK' when Finished

Repeat the steps for User Activity Log with Destination and Description as NOR1 SFTP USERS



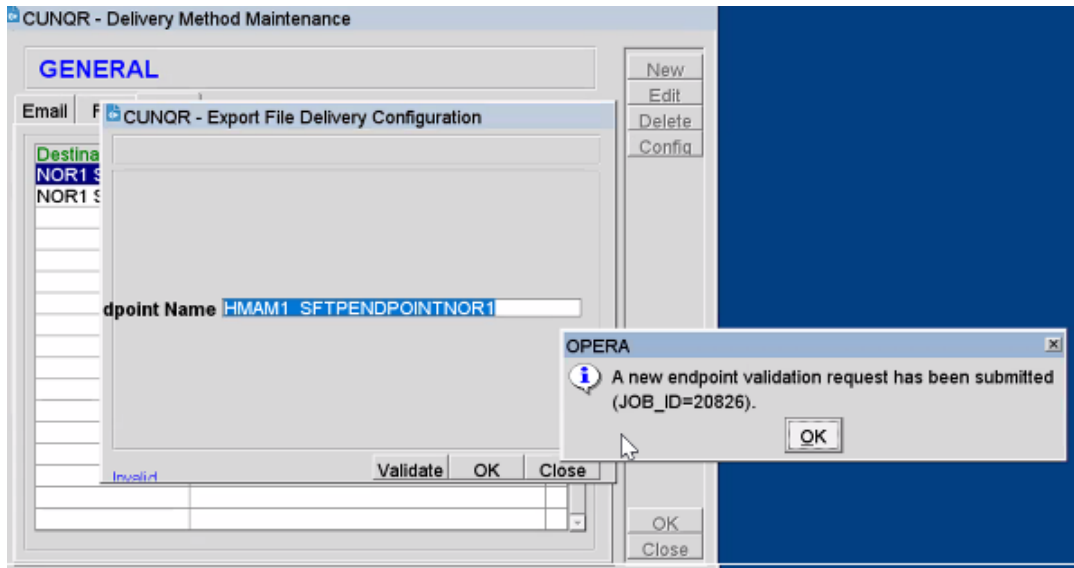
From the export Delivery Maintenance screen, click on the 'Config' button:



Enter the endpoint name: CHAIN_SFTPNOR1

Important: You must obtain the Chain code from Pinneapple list.

<https://apex.oraclecorp.com/pls/apex/f?p=23830:1:6129193984439::::>



Click "Validate"

Click "OK"

Endpoint CX Ticket

- Once the Zendesk ticket has been whitelisted and you have the USER ID for the property, you can request the endpoint creation ticket.
- Have Pinneapple open and property selected as you will require information

<https://apex.oraclecorp.com/pls/apex/f?p=23830:1:6129193984439:::>

- Go to: <https://portal.oracleindustry.com/requests#requests/create/service>

Select "Create Request"

Category: Application > Configuration > Change

Product : HGBU > OPERA

Configuration item: please select according to your property

Subject :

OPERA Cloud / V5 OSB Endpoint Configuration – Environment from Pinneapple

Description :

1. Environment Name:

Environment from Pinneapple

Example: OPERA Cloud xxxx PROD (NA IAD3.0) (hhs1-oc) - Production

https://apex.oraclecorp.com/pls/apex/f?p=23830:105:3980928489:::P105_ENVIRONMENT_ID:19081

2. Property Name:

Property Name

OPERA V5-Live <https://hhs1-oc-sc.oracleindustry.com/OperaPortal>

Cloud Dashboard-Live <https://hhs1-oc.oracleindustry.com/OPERA9/opera/operacloud>

Admin Server - OSB <https://dpwj013oa9.iad.icprod.oracleindustry.com:7032/console>

3. Chain Code:

Chain code as per pineapple list.

4. End Point name required:

CHAIN_SFTPENDPOINTNOR1

5. SFTP Host and port:

Host : extracts.nor1.com

Port : 22

6. SFTP Username :

You will need to provide the USER ID obtained in the Zendesk ticket.

Example: osr.hilton, osr.ihg

Password: see attached

Attach the Zip file with the Keys and other word file with the password (password to open keys CP chain code + Opera resort code)

7. SFTP - Destination path:
Transaction Extract:
/transactions

8. ORGANIZATIONCODE:
Chain Code

Implementation window: As soon as possible

Customer: select according to your property

Attachments: **add the Zip file containing the keys and other word file with the password.**

Click: Create ticket

NOTE:

As reference you can use 211215-007245

During Endpoint process creation, you will receive an IP to be whitelisted on NOR1 side, please add it to the previous Zendesk ticket for SFTP whitelisting.

Kiran Kumar Nukala	27-Dec-2021 15:19 UTC	hi Marcela, Customer/Vendor needs to allow Oracle IP 130.....62 on their firewall. Can you inform customer and let me know once done? Thanks Kiran Nukala
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If Users report is required we will need to do another Endpoint CX ticket similar as above.

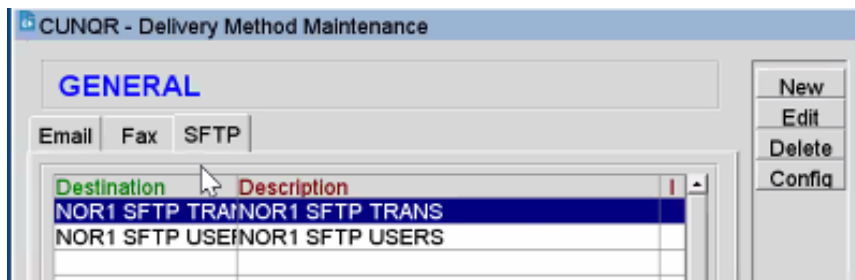
2nd call with property

Keys Validation

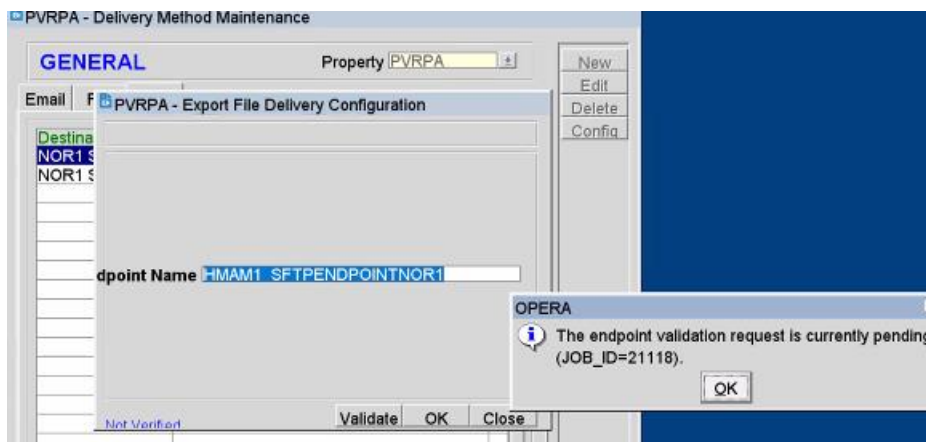
Access Opera Configuration > Property > Delivery Method > General > Click on 'SFTP' tab



From the export Delivery Maintenance screen, click on the 'Config' button:



Click on "Validate"



Set up the OSR reports as usual.

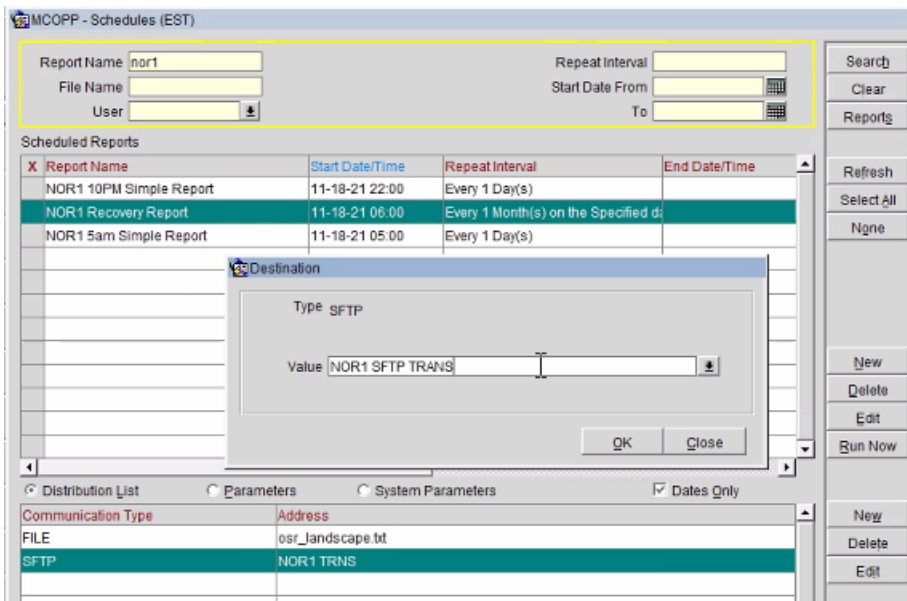
Schedule the report Opera > PMS > Miscellaneous > Reports Scheduler

- Nor1 5am/10pm/Recovery: send to Nor1 SFTP in Delimited Data Tab format
- User Activity Log: sent to Nor1 User SFTP in Delimited Tab format

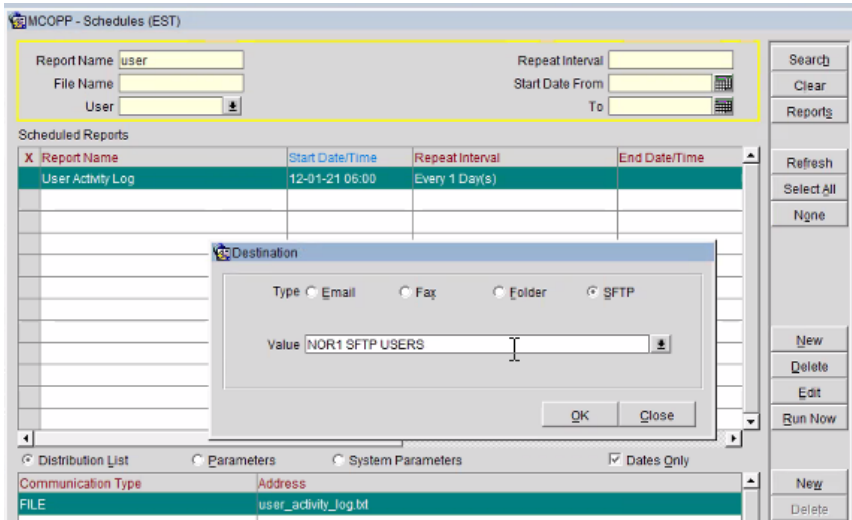
For the schedule, please select in the Distribution list:

Destination: SFTP

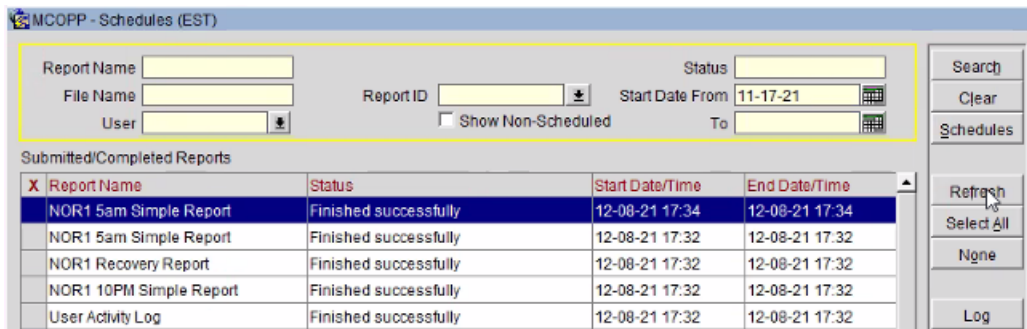
Select “NOR1 SFTP TRANS” for Nor1 5am, Nor1 10pm and Recovery Report



Select "NOR1 SFTP USERS" for User activity log



Select each report and "Run Now" click on Reports to confirm the status as Successful



If SFTP shows as "PENDING" please confirm with Chris / Jay report reception. You will need to provide file name to be tracked. In example below: osr_landscape134886250.txt

