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| NMS |
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| Codescape Consultants PL  [5/3/2011] |

# Product Name: NMS

Feature: NMS Accounting & Authentication

Requested By: Vivek Bansal

Reviewed By: Prateek Goel

Implemented By: Peeyush Raj

Verified By: Utkarsh Jain

SW release version in which Feature included:

## Revision history (in case multiple revisions)

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| --- | --- | --- | --- |
| Revision | Date | By | Description |
| 0.01 | 5/3/2011 | Peeyush Raj | NMS Accounting & Authentication First Draft |
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# Feature Description: NMS Accounting & Authentication

*To monitor the activities, such as Downloads/Uploads, bandwidth consumption, and restricted bandwidth access to users/user groups needs the NMS accounting and authentication feature.*

## Supported System Requirements

* Linux System, preferably Ubuntu/Debian

## System Use Cases

## RADIUS server integration (Remote Authentication Dial in User Service)

### RADIUS Server Integration

 RADIUS serves three functions:

* to authenticate users or devices before granting them access to a network,
* to authorize those users or devices for certain network services and
* to account for usage of those services

# Feature Design Description

## RADIUS Server Integration

RADIUS Server would

* ID based on IP /Domain\Username
* Bandwidth Usage Calculation based billing

# Implementation Design Description

*<System Architecture be discussed here>*

# Test Report

*<Describe what “development” / Integration unit test has been done – and what the test results here are>*