

**ETSI-NFV / DMTF Work Register**  
**Version 1.0**  
**Date Initiated: 05/28/2013**

## **Alliance Organizations**

ETSI-NFV (<http://portal.etsi.org/portal/server.pt/community/NFV/367>) and the [Distributed Management Task Force](#) (DMTF)

## **Alliance Partner Mission**

The **European Telecommunications Standards Institute (ETSI)** is an independent, non-profit, organization in the telecommunications industry (equipment makers and network operators) in Europe, with worldwide projection. ETSI was created by European Conference of Postal and Telecommunications Administration in 1988 and is officially recognized by the European Commission. ETSI has been successful in standardizing GSM cell phone system, TETRA professional mobile radio system, and Short Range Device requirements including LPD radio.

## **Alliance Benefits**

ETSI has formed a Network Function Virtualization (NFV) group which focusses on standardizing network functions such as DNS, DHCP, load balancers and firewalls to be run on commodity hardware. DMTF already has a number of foundational standards which ETSI-NFV group can leverage in order to model the NFVs. This is the immediate area of interest and alignment.

## **Standards Development**

Review of ETSI-NFV work by the DMTF:

ETSI-NFV will make available to the DMTF, work in progress versions of delegated standards for review by DMTF members.

The following sample docs can be initially reviewed to assess applicability of OVF, CIM, etc. for satisfying ETSI-NFV's implementation and interoperability requirements.

- NFV White paper (All members)
- NFV Architecture (Verizon)
- Classification of VNFD Attributes based on the VNF Management Workflow (Juniper)

ETSI-NFV will not produce standards that conflict or diverge from existing or proposed DMTF standards.

## **Milestones / Dates**

ETSI/NFV – Architecture drafts at 3 months interval starting 9/1/2013

DMTF – CIM infrastructure (protocols, schemas), virtualization management profiles, System Management Architecture for Server Hardware (SMASH) profiles. Available now.

## **Work Register Review Date**

The Work Register will be reviewed one year from the initial approval date below.

## **Resources Identified / Points of Contact:**

ETSI-NFV

- Diego R. Lopez ([diego@tid.es](mailto:diego@tid.es)), ETSI-NFV MAN Chair

DMTF:

- Shishir Pardikar ([shishir.pardikar@citrix.com](mailto:shishir.pardikar@citrix.com)), DMTF Board Member
- Aleksandr Zhdankin ([nsmwg-chair@dmf.org](mailto:nsmwg-chair@dmf.org)) DMTF NSM Chair
- Bhumip Khasnabish ([nsmwg-chair@dmf.org](mailto:nsmwg-chair@dmf.org)) DMTF NSM Vice-Chair

## **Corresponding ETSI-NFV Work Register Document**

None.

Approved by the DMTF Board of Directors; Board Resolution 2013-06-06, on 06/27/2013.