

# RFC5815bis

## An Update of the IPFIX MIB draft-ietf-ipfix-rfc5815bis-00.txt

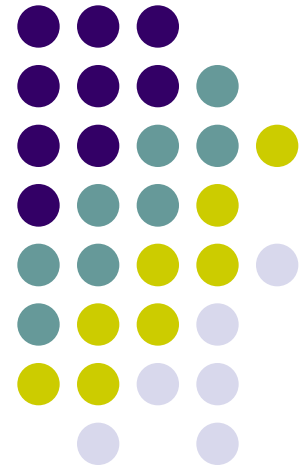
Managed Object for IP Flow Export  
Changes in the IANA Registrations

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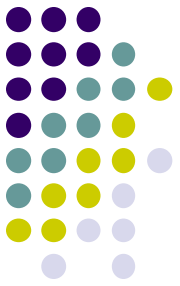


# Problem Statement



- IANA Registration in RFC5815 not appropriate
  - Currently registering the whole IPFIX SELECTOR MIB
  - This is too much
  - Discovered this while writing the PSAMP MIB
  - Analysis showed that an update of RFC5815 is needed

# Solution: Change IANA Registration Schema



- Register the top level OIDs of ipfixSelectorFunctions  
mib-2.ipfixSelectorMIB.ipfixSelectorObjects.ipfixSelectorFunctions  
(1.3.6.1.2.1.194.1.1)

- Initial Value:

Sub-registry Name: IPFIX-SELECTOR-MIB Functions

Reference: [ThisRFC] <- the new RFC5815bis

Registration Procedures: Expert Review [RFC5226]

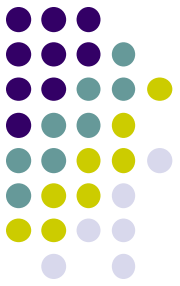
Prefix: mib-

2.ipfixSelectorMIB.ipfixSelectorObjects.ipfixSelectorFunctions

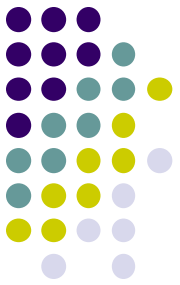
(1.3.6.1.2.1.194.1.1)

Decimal	Name	Description	Reference
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1	ipfixFuncSelectAll	Select everything	[ThisRFC]

# Solution: Change IANA Registration Schema

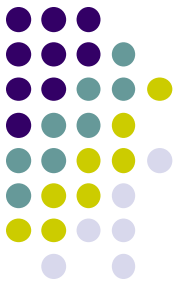


- Substitute current registry with sub-registry in the SMI Number Registry  
<http://www.iana.org/assignments/smi-numbers>
- “The IPFIX SELECTOR MIB registry as defined in [\[RFC5815\] Section 10](#) will be removed by IANA as its use is discontinued with this document.”



# Next Step

- Need to get the changes approved soon
  - PSAMP MIB depends on that
  - PSAMP MIB: new Registration Schema already included
  - PSAMP CONFIGURATION (RFC-editor) depends on PSAMP-MIB
- Need WG and Area Director support for changes
  - Juergen approved to start the WG last call now.
- Deletion of now unneeded IPFIX-SELECTOR-MIB Registry by IANA process



The End

Thank you for your attention