

# Updates: Information Distribution in Autonomic Networking

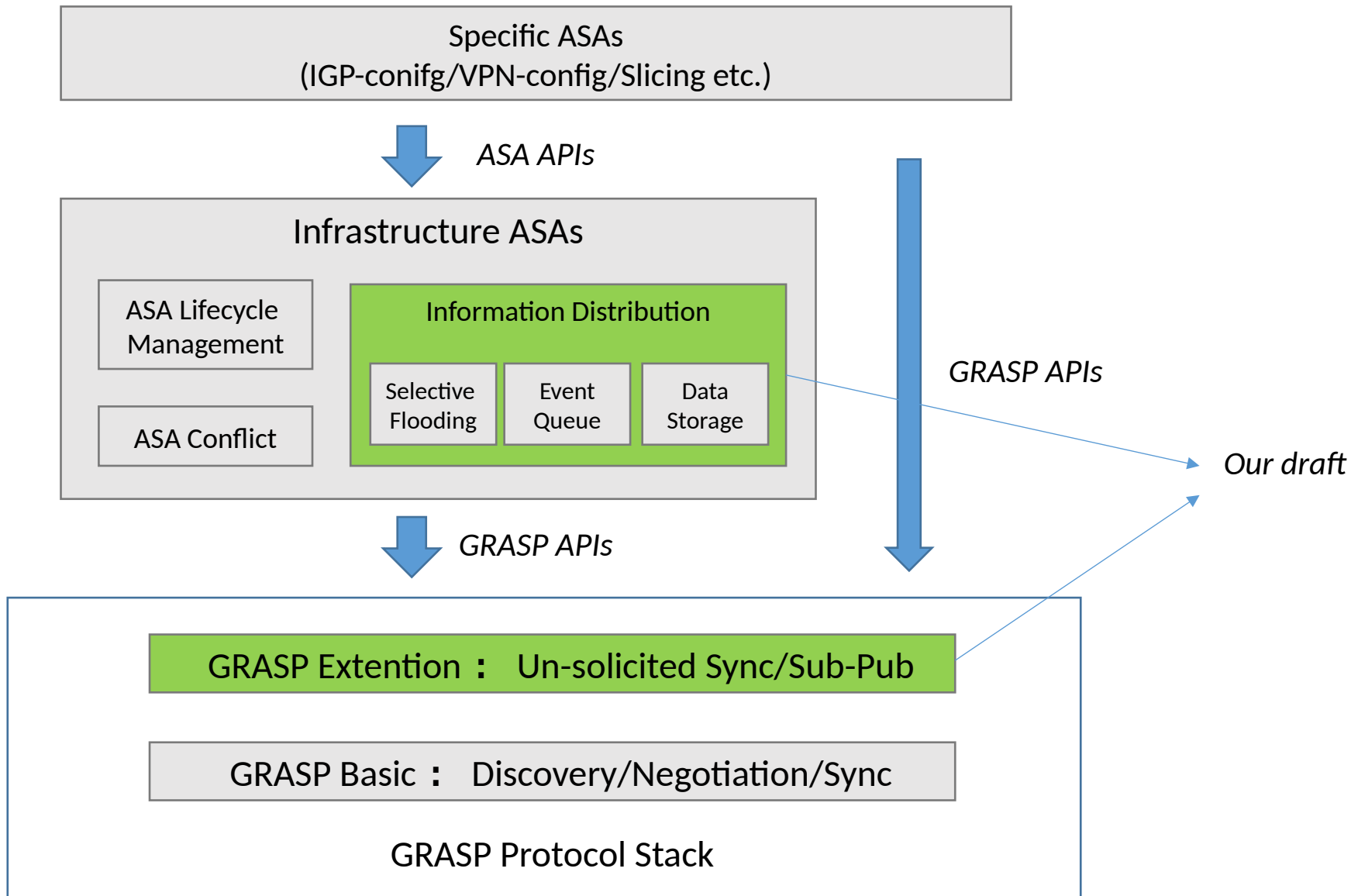
*draft-liu-anima-grasp-distribution-11*

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# Recall: Draft Content and Scope



# Main changes of 11 version (since IETF'104)

- Added Section 5.2.3
  - Discussions about how information distribution can be composed by using existing GRASP APIs
  - Focused on asynchronous communication cases

# Storing and publishing information

OPERATION	GRASP API	OPTION	RETURN VALUE
storeDataReq	discover()	objective="PUT_DATA"	ASA_locator or error_code (e.g. "no_space")
storeData	synchronize()	ASA_locator. <i>Data Payload</i> , ...	store_data_ack
pubInfo	flood()	objective="selective_flooding", topic="newData"	N/A

# Subscribing and getting information

OPERATION	GRASP API	OPTION	RETURN VALUE
subInfo	registerObjective()	objective="topicTitle"	N/A
	flood()	ASA_locator, objective="topicTitle"	store_data_ack
notifyData	synchronize()	Objective="topicTitle", payload="data"	N/A

# Future Work

- Complete procedures of information distribution
- Further map to GRASP APIs to support full information distribution
  - E.g. with prioritization

**Thank You**

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