

match - action

entry in field group

```
: PfcAclHandler
m_srrIngressTable
```

create PfcAclRule

createCounter (void) : bool

SAI\_ACL\_COUNTER\_ATTR\_TABLE\_ID m\_tableId

bandwidthBytes

Packets

m\_counterId: sai-object-id-t

sai-acl-gpi → create-acl-counter

find

SAI\_OBJECT\_TYPE\_ACL\_COUNTER

group: bcm-field-group-t

bcm-field-stat-creator (0, group, stat, stat-attr, stat-id)

SAI\_ACL\_ENTRY\_ATTR\_TABLE\_ID

-PRIORITY- m-priority

-ADMIN-STATE- true

-ACTION-COUNTER- m-counterId

-FIELD-TC- aclfield.data

-ACTION-PACKET-ACTION- action

sai-acl-gpi → create-acl-entry

group: bcm-field-group-t

bcm-field-entry-creator

: AclRule

m-pAclOrch

m-id: string

m-tableId: string

m-tableType

"PRIORITY"

ValidateFieldPriority (attr-name: string, attr-value: string) : bool

ValidateAddMatch

getId (void) : string

: AclRuleL3

"PACKET-ACTIONS"

validateAddAction (attr-name: string, attr-value: string) : bool

: AclRulePfcwd

m-actions: map<sai-acl-entry-attr-t, sai-attribute-value-t>

SAI\_ACL\_ENTRY\_ATTR\_ACTION\_PACKET\_ACTION

value: aclaction-parameter.S32

SAI\_PACKET\_ACTION\_DROP

entry - true

to-string (queueId)

attr.name: string, attr.value: string1: bool

m-id

m-strRule

rules: map<string, shared\_ptr<AclRule>

: AclTable

rules: map<string, shared\_ptr<AclRule>

find in rules

call newRule.create()

update in rules

gAclOrch: AclOrch \*

: AclOrch

m-AclTables

: map<sai-object-id-t, AclTable>

table-oid

m-srrIngressTable

m-tableId: sai-object-id-t

ACL\_TABLE\_PFCWD

"999"

m-matches: map<sai-acl-entry-attr-t, sai-attribute-value-t>

SAI\_ACL\_ENTRY\_ATTR\_FIELD\_TC

value: aclfield.data.08 = 0x00000000 - last two digits in hex

mask.wf = 0xFF

"DROP"

SAI\_PACKET\_ACTION\_DROP

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SAI\_PACKET\_ACTION\_DROP

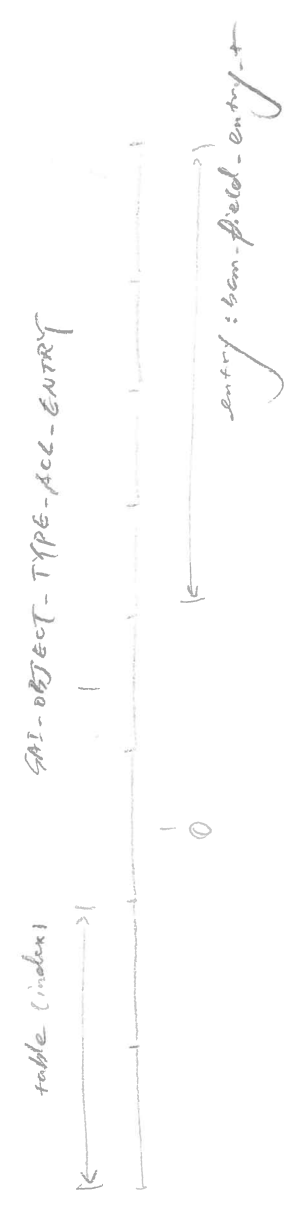
SAI\_PACKET\_ACTION\_DROP

SAI\_PACKET\_ACTION\_DROP

SAI\_PACKET\_ACTION\_DROP

SAI\_PACKET\_ACTION\_DROP

2-2

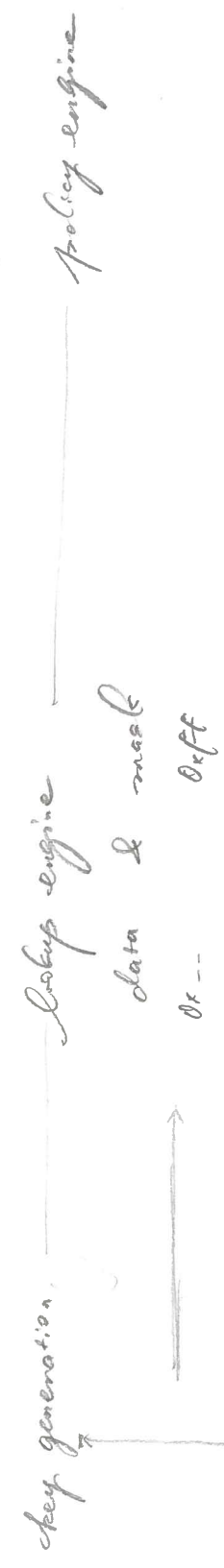


-bcm-sai-create-acl-entry

bcm-field-entry-prio-set

SAI-ACL-ENTRY-ATTR-FIELD-TC

bcm-field-quality-IntPriority (0, entry, --, 0x0)



IntPriority

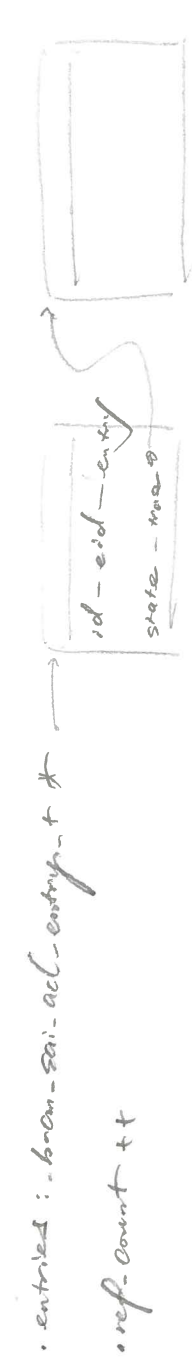
bcm-field-entry-install (0, entry)

bcm-field-entry-enable-set (0, entry, 0) | disabled

-bcm-sai-acl-table-entry-attach

-bcm-sai-acl-tables

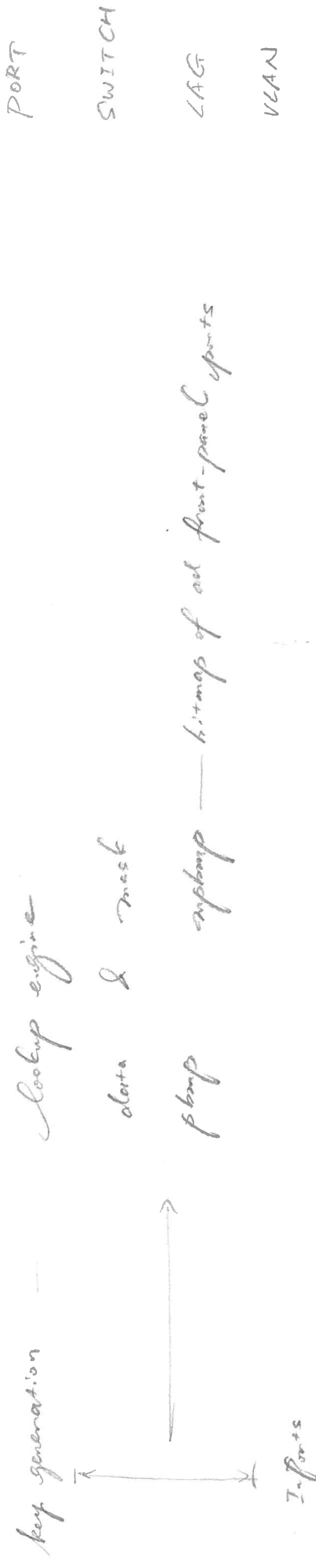
[tid]



-bcm-sai-acl-obj-kind ✓

3664

3775



data.acl-table.group-count  
-data.acl-tbl-gap.bind-count  
bind-pts

data.acl-table.bind-count  
bind-pts

ben-field-entry-instad  
ben-field-entry-enable-set