InterMapper®

Network Monitoring & Alerting Software

Database Schema
Version 1

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notifierrule

PK,FK1,FK2	server_id	SHORT
PK,FK1	map_id	LONG
PK,FK1	device_id	LONG
PK,FK2	notifier_id	LONG
	down	BIT
	up	BIT
	critical	BIT
	alarm	BIT
	warning	BIT
	okay	BIT
	trap	BIT
	delay_interval	LONG
	repeat_interval	LONG
	repeat_count	LONG

notifier

PK,FK1	server_id	SHORT
PK	notifier_id	LONG
	name	TEXT(255)
	enabled	BIT
	notifier_xml	TEXT(4096)
	create_time	DATETIME
	delete_time	DATETIME

server

PK	server_id	SHORT
	name	TEXT(255)
	uuid	TEXT(36)
	url	TEXT(1000)
	authsecret	TEXT(1000)
	host_location	TEXT(1000)
	host_contact	TEXT(1000)
	network_name	TEXT(255)
	poll_type	TEXT(4)
	device_interval	LONG
	event_interval	LONG
	data_interval	LONG
	oldest_utc	LONG
	import_profile	TEXT(7)
	create_time	DATETIME
	delete_time	DATETIME

serverpoll

PK,FK1	server_id	SHORT
PK	next_utc	LONG
PK	begin_time	DATETIME
PK	report	TEXT(32)
	end_time	DATETIME
	recv_bytes	LONG
	recv_rows	LONG

map

PK,FK2	server_id	SHORT
PK	map_id	LONG
	name	TEXT(255)
	path	TEXT(255)
	enabled	BIT
	graphid	TEXT(9)
FK1	retentionpolicy_id	LONG
	create_time	DATETIME
	delete_time	DATETIME

device

PK,FK4	server_id	SHORT
PK,FK4	map_id	LONG
PK	device_id	LONG
	name	TEXT(255)
	ip	CHAR(15)
	ipresolve	TEXT(4)
	port	LONG
	mac	LONGBINARY
	notes	TEXT(4096)
	dnsname	TEXT(255)
	netbios	TEXT(255)
	probe	TEXT(255)
	probekind	TEXT(6)
	probe_xml	TEXT(4096)
FK1	devicekind_id	LONG
FK3	enterprise_id	LONG
FK2	retentionpolicy_id	LONG
	latitude	DOUBLE
	longitude	DOUBLE
	snmpversion	TEXT(4)
	sysobjectid	TEXT(255)
	sysdescr	TEXT(4096)
	sysname	TEXT(255)
	syslocation	TEXT(255)
	syscontact	TEXT(255)
	sysuptime	DATETIME
	mfgname	TEXT(255)
	modelname	TEXT(255)
	serialnum	TEXT(255)
	customer_name_reference	TEXT(255)
	create_time	DATETIME
	delete_time	DATETIME

ianaenterprise

PK	enterprise_id	LONG
	name	TEXT(255)

devicekind

PK	devicekind_id	LONG
	name	TEXT(80)

interface

PK,FK3	server_id	SHORT
PK,FK3	map_id	LONG
PK,FK3	device_id	LONG
PK	interface_id	LONG
	name	TEXT(255)
	ifindex	LONG
	ifdescr	TEXT(255)
	ifname	TEXT(255)
	ifalias	TEXT(255)
FK1	iftype_id	LONG
	ifmtu	LONG
	iflastchange	DATETIME
	dot3duplex	TEXT(7)
FK2	retentionpolicy_id	LONG
	txspeed	LONG
	rxspeed	LONG
	mac	LONGBINARY
	status	TEXT(8)
	enabled	BIT
	pvid	LONG
	vlans	TEXT(1000)
	alarmpt	TEXT(30)
	customer_name_reference	TEXT(255)
	create_time	DATETIME
	delete_time	DATETIME

address

PK,FK1	server_id	SHORT
PK,FK1	map_id	LONG
PK,FK1	device_id	LONG
PK,FK1	interface_id	LONG
PK	ip	CHAR(15)
	prefix	SHORT

ianaiftype

PK	iftype_id	LONG
	name	TEXT(40)

retentionpolicy

PK	retentionpolicy_id	LONG
	name	TEXT(255)
	raw_expiration	SHORT
	hourly_expiration	SHORT
	daily_expiration	SHORT
	custom_minutes	SHORT
	custom_expiration	SHORT

schemaversion

PK	version	LONG
	reference_date	DATETIME
	create_time	DATETIME

dataset

PK	dataset_id	LONG
FK2	server_id	SHORT
FK2	map_id	LONG
FK2	device_id	LONG
	alarmpt	TEXT(255)
	name	TEXT(30)
	label	TEXT(255)
	tags	TEXT(1024)
FK1	retentionpolicy_id	LONG

acknowledgment

PK,FK1	event_id	LONG
PK	ack_time	DATETIME
	ack_kind	TEXT(5)
	ack_source	TEXT(255)
	ack_message	TEXT(4096)

event

PK	event_id	LONG
FK1	server_id	SHORT
FK1	map_id	LONG
FK1	device_id	LONG
	alarmpt	TEXT(255)
	begin_time	DATETIME
	end_time	DATETIME
	status	TEXT(8)
	probe	TEXT(255)
	reason	TEXT(4096)

datasamplehourly

PK,FK1	dataset_id	LONG
PK	sample_time	DATETIME
	sample_mean	DOUBLE
	sample_stdv	DOUBLE
	sample_min	DOUBLE
	sample_max	DOUBLE
	sample_size	SHORT

datapoint

PK,FK1	dataset_id	LONG
PK	data_time	DATETIME
	data_value	DOUBLE

notification

PK,FK1	event_id	LONG
PK	notifier_id	LONG
PK	notify_time	DATETIME
	notify_method	TEXT(10)
	notify_attempt	SHORT
	notify_result	TEXT(4)

datasampledaily

PK,FK1	dataset_id	LONG
PK	sample_time	DATETIME
	sample_mean	DOUBLE
	sample_stdv	DOUBLE
	sample_min	DOUBLE
	sample_max	DOUBLE
	sample_size	LONG

datasample

PK,FK1	dataset_id	LONG
PK	sample_time	DATETIME
	sample_mean	DOUBLE
	sample_stdv	DOUBLE
	sample_min	DOUBLE
	sample_max	DOUBLE
	sample_size	SHORT