

МИНИСТЕРСТВО ОБРАЗОВАНИЯ И НАУКИ РОССИЙСКОЙ ФЕДЕРАЦИИ
Федеральное государственное бюджетное образовательное учреждение
высшего образования
«Тамбовский государственный технический университет»
(ФГБОУ ВО «ТГТУ»)



УТВЕРЖДАЮ

Председатель Методического совета
факультета Магистратура

 О.А.Корчагина
« 27 » июня 20 18 г.

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« 01 » сентября 20 18 г.

АННОТАЦИИ К РАБОЧИМ ПРОГРАММАМ ДИСЦИПЛИН

Направление / специальность

09.04.02 - Информационные системы и технологии
(шифр и наименование)

Профиль

Анализ и синтез информационных систем
(наименование профиля образовательной программы)

Тамбов 2018

« (« ») »



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« 27 » _____ 20 18 .

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09.04.02 -

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2018

1. 1. : “Job advertisements”. ().
: Present Simple, Present Continuous.
: Giving advice on writing a covering letter.().
2. :
: “What is good about Sony corporation?”(Sony).
Sony.
: Past Simple.
: Sony corporation. (Sony).
: « « ?».
3. :
: “What is a product?” (“ ?»)
: Past Simple, Past Continuous.
: Cardboard Box Solar Cooker Wins the Prize. (,)
4. :
: «What is design?” (?).
: Modal verbs.
: Presentation of a new product ().
2. 5. : «Project summary”().
: Passive Voice.
- 6.

-
7. : “Why it’s important for you to present your data at scientific conferences” ().
 : Present Perfect and Past Simple.
 :
 : « ».
8. : «An experimental research paper” ().
 :
 : «The presentation journey” ().
 : Imperative sentences.
 : Presentation of a research paper.
 :
9. 3.
 9. :
 :
 : “How to handle first meetings in four different countries” ().
 :
 10. :
 : “Negotiating as a team” ().
 : Countable and uncountable nouns. Articles.
 :
 : « ».
11. : “Requirements for a contract” ().
 : Passive Voice.
 :
12. : “Project management in action” ().
 : Infinitive or Gerund.
 : Setting agenda for meetings.().
 : « ».

3

1. < >

1. < >

< : « », « », « ».

2. < >

2. < >

1. < >

2. < >

3. < >

1. < >

2. < >

3. < > . , , , .

< >

4. < > . Web- . E-mail. . .>

4. < >

1. < > -

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2. < > - , - - .>

5. < >

1. < « », > . , . -

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2. < > < . -

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3. < > < : , , -

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10

1.

2.

3.

4.

5.

()

()

RAD:

RAD-

6.

7.

IDEF.

AS-IS TO-BE.

SADT (IDEF0):

DFD:

(

(IDEF3):

8.

9.

IDEF1X, (ERD):

10. CASE-

CASE-
CASE-

CASE-

CASE-

CASE-

CASE-

11. Unified Model-
ing Language (UML)

UML.

Unified Model-

12.

UML

UML-

UML

13.

5

1. 1.

2.

3.

4.

2. 5.

6.

7.

3. 8.

9.

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1.

1.

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11.

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. RAID-

12.

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1.

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7.

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9.

5

1.

54869-2011.
/ 12207-2010.

34.601-90.

10007:2003.
/ 90003—2014
9001:2008

34.603-92.

2.

ITIL (IT Infrastructure Library).
ITIL.

(Service Support). Service Desk:
. Help Desk –

Incident

Management. Problem Management. Configuration Management.
Change Management. Release Management.
(Service Delivery). Service Level
Management. Financial Management for IT Services. Availability Manage-
ment. Capacity Management. IT Service Continuity Management.
ITSM - IT Service Management -

3.

MOF - Microsoft Operations Framework.

ITIL,
. MOF —
ITIL.

MOF MOF
MOF.
MOF ITIL. MOF —
(Service Management Functions — SMFs). MOF —
. MOF —

， ， -
· 9001-2008 -
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8

1.

1.

2.

3.

ER-
4.

2.
5.

SQL.

SQL.

SQL:

SQL,

6.

SQL.

(create table)

(drop table).

7.

(Primary, Foreign Key, Unique, Index).

8.

(alter table).

(create/drop alias).

(create/drop index).

9.

Select

;

;

;

10. (View).

11.

12.

13.

14.

(View).

(Data warehouse).

SQL

SQL

ODBC

SQL.

ODBC

OLAP.

PHP.

4

1.

(Autopoiesis) (

2.

3.

4.

()

()

5.

()

6.

Case-

3

1. < Web- : >
 < : , WWW. web- web-
 web- web- : >
2. < Web- >
 < : HTML, Javascript, CSS. :
 - Apache NGinx, MySQL, PHP, : Ruby,
 Python, Perl. CMS. : XML,
 JSON. « »: DENWER>
3. < - . PHP.
 < >
 . POST GET . PHP:
 . Web- . Web- : , , PHP.
 , web- Apache. , PHP.
 . PHP.
 . PHP. >
4. < - >
 < >
 (« - - » - MVC). Smarty. -
 - CMS (). (CVS). -
 : Jira >
5. < - CMS>
 < CMS. CMS .
 , WordPress . CMS. CMS Joomla,
 , CMS> MVC, CMS.
6. < - >
 < - (). -
 . API - « »
 ()>

3

1. < **Web-** : >
 < : , WWW. web- web-
 web- web- : >
2. < **Web-** >
 < : HTML, Javascript, CSS. :
 - Apache NGinx, MySQL, PHP, : Ruby,
 Python, Perl. CMS. : XML,
 JSON. « »: DENWER>
3. < - . **PHP.**
 >
 < POST GET . PHP:
 . Web- . Web- : , PHP.
 , . Web- Apache. , PHP.
 web- . PHP.
 . PHP.
 . PHP.
4. < - >
 < , -
 (« - - » - MVC). Smarty. -
 - CMS (). (CVS). -
 : Jira >
5. < - CMS>
 < CMS. CMS .
 , CMS. CMS Joomla,
 WordPress . CMS.
 , MVC, CMS.
 CMS>
6. < - . **An-**
droid > .
 < - (). -
 . API -
 - () « »
 Android. JSON.

URLConnection.
.>

AsyncTask

-

1.

2.

3.

4.

5.

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3

1.
1.

2.

3.

4.

5.

2.
6.

« ».

main.

7.

8.

3.

9.

UML.

UML.

10.

11

12.

« » « ».

5

1.

1 «

»

(OLAP)»

2 «

(OLAP)

3 «

»

2.

4 «

»

(data mining).

5 «

»

6 «

»

7 «

»

« ».

8 «

»

9 «

»

5

- mining.
- 1 « Data mining» Data
- Data mining.
- 2 « Data mining»
(Data mining).
- Data mining. Data mining.
- 3 « »
- 4 « »
- 5 « »
- 6 « — Visual Mining»
- 7 « — Text Mining»
- 8 « »

5

1.

1.

L2 L3
L3.

2.

802.1Q. VLAN. VLAN. VLAN. VLAN. native VLAN
 DTP. VLAN. VTP. VTP. VTP. VTP Pruning.
 VTP. EtherChannel VTP. EtherChannel.
 LACP. PAgP. EtherChannel 2.

3.

Spanning Tree

STP. STP. BPDU. Per-VLAN STP Plus (PVST
 STP. Rapid Spanning Tree. RSTP.
 RSTP STP. RSTP. RSTP.
 STP. STP. STP.
 UplinkFast. BackboneFast. PortFast. PortFast
 BPDU Guard. Root Guard. Loop Guard.
 UDLD. UDLD. FlexLinks.
 STP MST. STP. MST. MST.
 MST. MST. STP.

4.

VLAN VLAN. VLAN
 VLAN SVI:
 EtherChannel L2 L3.
 DHCP.

5.

HSRP. FHRP. HSRP.
 HSRP. HSRP. STP.

HSRP.		HSRP.	HSRP			VRRP.		GLBP.		VRRP.	GLPB
HSRP.		VRRP.		VRRP.				GLBP.			
GLBP.	GLBP	STP.		GLBP.				GLBP.			
		6.									
		AAA.							RADIUS	TACACS+	
AAA.				RADIUS.					TACACS +.		
				TACACS +		RADIUS.					
						IEEE.802.1X.					
		IEEE.802.1X.							NTP.		-
		NTP.	NTP.	NTP.	SNTP.	PTP/IEEE-1588.				SNMP.	
		SNMP.	SNMP.						SNMP.		
		7.									
						LLDP.					
LLDP.						(UDLD).					UDLD.
		UDLD	STP Loop Guard.				Ethernet.			PoE.	-
PoE.				PoE.			SDM.			SDM.	
		SDM.				SPAN	RSPAN.			IP SLA.	-
			IP SLA.		IP SLA					SLA.	-
		IP SLA.									
		8.									
											MAC
Flooding.											Storm
Control.											
				DHCP.	DHCP Snooping.				DHCP.		
DHCP Snooping.	IP Source Guard.				IPSG.	ARP Spoofing.					-
	ARP.	DAI.				VLAN.	VLAN Hopping.				
	VLAN.			VLAN.			VACL	ACL	PACL.		
	VACL.			VLAN.		PVLAN.			PVLAN.		-
	PVLAN.			PVLAN.	PVLAN						-
		2.									
		1.									
									IGP	EGP.	
	IPv6.			ICMPv6 Neighbor Discovery.						NBMA.	-
										PPP.	PPPoE.
				VPN.	VPN	MPLS.				VPN.	
VPN.				MPLS	VPN.					GRE.	
									GRE.	NHRP.	IPsec.
				TCP/IP.	MSS,				PMTUD.		IPv6
PMTUD.					TCP Starvation.					ICMP.	
RIPng.	RIP.			RIPv6.							
	RIPng.										

	2.	EIGRP			
	EIGRP.	EIGRP.	EIGRP.	EIGRP.	-
EIGRP.		EIGRP.	EIGRP.	EIGRP.	-
EIGRP.		EIGRP.	EIGRP.	EIGRP.	-
		Stuck in Active.		EIGRP.	-
EIGRP.		EIGRP.	EIGRP.	EIGRP.	-
		EIGRP IPv6.		EIGRP IPv6.	-
		EIGRP IPv4.	EIGRP IPv6.	EIGRP.	-
		EIGRP.		EIGRP.	-
	3.	OSPF			
	OSPF.	OSPF.	OSPF.	OSPF.	-
DR/BDR.	OSPF.	OSPF.	OSPF.	OSPF.	-
	OSPF.	OSPF.	OSPF.	OSPF.	-
LSDB.	OSPF.	OSPF.	OSPF.	OSPF.	-
SPF.	OSPF.	OSPF.	OSPF.	OSPF.	-
		OSPF.	OSPF.	OSPF.	-
tual Links.		OSPF.	OSPF.	OSPF.	-
		OSPFv3.	OSPFv3.	OSPFv3.	-
		OSPFv3.	OSPFv3.	OSPFv3.	-
	4.				
			IP-		
				OSPFv3	-
EIGRP	EIGRP.		EIGRP.	OSPFv3	-
	IPv6.		IPv6	OSPFv3.	-
	EIGRP			OSPFv3.	-
					-
					-
		ACL.			-
			ACL,		-
					-
	5.				
Forwarding.		Cisco Express Forwarding.		Cisco Express CEF.	-
				PBR.	-
PBR.	PBR.		IP SLA.	PBR IP SLA.	-
	IP SLA.		IP SLA.	IP SLA.	-

	6.			ISP.		ISP.		-
		DHCP.				DHCP		-
		DHCP. NAT.		NAT.			NAT.	-
		PAT.	NAT.			NAT.	NAT Virtual	-
Interface.		NAT-						-
IPv6.		SLAAC.	DHCPv6.	Stateless DHCPv6.	Stateful DHCPv6.			-
		DHCPv6. NAT	IPv6.		ACL IPv6.			-
ACL IPv6.				IPv6.				-
			Dual-Homed.					-
	7.	BGP						-
				BGP.		BGP		-
		BGP.	BGP.		BGP.		BGP.	-
iBGP.		BGP.	BGP-	BGP-		BGP-		-
		BGP.	BGP.	BGP.		BGP	Next-Hop-Self.	-
		BGP-	eBGP Multihop.		BGP			-
		BGP.						-
Hop.		Origin.	Local-Preference.		Community.	AS-Path.	Next-	-
		Weight.	BGP.				MED.	-
BGP.				BGP.		BGP		-
			BGP				AS-Path.	-
BGP		BGP						MP-
		IPv6.	IPv6	IPv4.			IPv6	-
		IPv6.						-
	8.							-
TACACS +. AAA						TACACS +	RADIUS	-
		SSH.					RADIUS.	-
			uRPF				uRPF.	-
NTP. NTP		IPv6.			NTP.		NTP.	-
		SNMPv3.	SNMP.	SNMPv3.			SNMPv3.	-
							SCP.	-
								-
		OSPF.		OSPFv3.		BGP. VRF	EIGRP.	-
						VRF-Lite.		-

5

1.

1.

2.

VLAN

VTP,

DTP.

VLAN.

3-

VLAN.

VLAN.

VLAN.

EtherChannel.

EtherChannel.
(PAgP).

LACP.

3.

Spanning Tree

STP.

STP.

BPDU.

Per-VLAN STP Plus (PVST

+).

STP.

Rapid Spanning Tree.

RSTP.

RSTP STP.

RSTP.

RSTP.

STP. STP.

STP.

UplinkFast.

BackboneFast.

PortFast.

PortFast

BPDU Guard.

Root Guard.

Loop Guard.

UDLD.

UDLD.

FlexLinks.

STP MST.

STP.

MST.

MST.

MST.

MST.

STP.

4.

VLAN

VLAN.

VLAN

VLAN

SVI:

EtherChannel
DHCP.

L2 L3.

5.

FHRP.

HSRP.

HSRP.

HSRP

STP.

HSRP.

HSRP. HSRP

VRRP.

VRRP.

VRRP.

GLBP.

GLBP

HSRP.	GLBP.	GLBP.
GLBP.	GLBP STP.	GLBP.
6.		
AAA.	AAA.	RADIUS TACACS+.
AAA.	RADIUS.	TACACS + RADIUS.
	TACACS + RADIUS.	IEEE.802.1X.
	IEEE.802.1X.	NTP.
NTP.	NTP.	NTP. SNMP. PTP/IEEE-1588.
SNMP.	SNMP.	SNMP.
7.		
LLDP.	LLDP.	UDLD.
	(UDLD).	UDLD.
	UDLD STP Loop Guard.	Ethernet. PoE.
PoE.	PoE.	SDM.
SDM.	SPAN RSPAN.	IP SLA.
	IP SLA.	SLA.
IP SLA.	IP SLA	
8.		
		MAC address spoofing.
CAM flooding (MAC Flooding).	CDP VTP.	
DHCP: DHCP starvation,	DHCP server spoofing.	ARP:
ARP spoofing.	STP: STP spoofing,	, BPDU
flooding. IP spoofing.	IPv6: ND spoofing, RA spoofing, DHCP spoofing.	
		HSRP.
HSRP: DoS-	«	».
HSRP.	VRRP.	VRRP: DoS-
».		, «
2.		
1.		
		IGP EGP.
IPv6.	ICMPv6 Neighbor Discovery.	NBMA.
		PPP. PPPoE.
VPN.	VPN. VPN	VPN.
	MPLS VPN.	GRE.
		GRE. NHRP. IPsec.
PMTUD.	TCP/IP. MSS,	PMTUD.
RIPng.	TCP Starvation.	ICMP.
	RIP.	
	RIPng.	
2.		
	EIGRP	
EIGRP.	EIGRP.	EIGRP.
		EIGRP.

EIGRP.	EIGRP.	EIGRP.	EIGRP.	EIGRP.	-
.	Stuck in Active.	EIGRP.	EIGRP.	EIGRP.	-
EIGRP.	EIGRP	EIGRP.	EIGRP.	EIGRP	-
.	EIGRP IPv4.	IPv6.	EIGRP.	IPv6.	-
EIGRP.	EIGRP	EIGRP	IPv6.	EIGRP	-
3.	OSPF				
DR/BDR.	OSPF.	OSPF.	OSPF.	OSPF.	-
LSDB.	OSPF	OSPF.	Hub-and-Spoke NBMA.	OSPF	-
SPF.	OSPF.	OSPF.	LSA	MTU.	-
	LSDB	OSPF.			
tual Links.	OSPF.	OSPF.	OSPF.	ASBR.	OSPF Vir-
	OSPFv3.	OSPFv3.	OSPFv3.	OSPF Stub.	-
	OSPFv3.	OSPFv3.	OSPFv3	IPv4 IPv6.	-
4.					
EIGRP	EIGRP.	IP-	OSPFv3	OSPFv3	-
	IPv6.		OSPFv3	OSPFv3.	-
	EIGRP	IPv6	EIGRP	OSPFv3.	-
	ACL.	ACL,			-
5.					
Forwarding.	Cisco Express Forwarding.			Cisco Express CEF.	-
PBR.	PBR.	IP SLA.	IP SLA.	PBR.	-
	IP SLA.	IP SLA.	IP SLA.	IP SLA.	-
6.					
	DHCP.	ISP.	ISP.	DHCP	-

	DHCP. NAT.		NAT.		NAT.		NAT.		NAT.
Interface.	PAT.	NAT-	NAT.	.	NAT.	NAT.	NAT.	NAT.	NAT Virtual
IPv6.	SLAAC.	DHCPv6.	NAT	.	DHCPv6.	Stateless DHCPv6.	Stateful DHCPv6.	DHCPv6.	-
ACL IPv6.				-	IPv6.		ACL IPv6.		-
				.	Dual-Homed.				-
				.					
	7.		BGP						
				.	BGP.		BGP		-
				.					
		BGP.	BGP.		BGP.		BGP.		BGP.
iBGP.		BGP.	BGP-	.	BGP-		BGP-		
	BGP.		BGP.	.	BGP.		BGP		Next-Hop-Self.
	BGP-	.	eBGP Multihop.		BGP				-
	BGP.			.					-
Hop.	Origin.	BGP.	Local-Preference.	.	Community.		AS-Path.		Next-
Weight.			BGP.						MED.
BGP.					BGP.		BGP		-
			BGP					AS-Path.	-
BGP	BGP		IPv6		IPv4.			IPv6	MP-
IPv6.									
	8.								
«	:	«		».	:				TCP.
		«		».	Spoofting-				-
	UDP.								
Unicast Reverse Path Forwarding:									-
(Flexible Packet Matching).					QoS:				,
IP.	Control Plane Policing.								
			TCP Intercept.						
							(Intrusion Detection Prevention		-
System).			(Traffic Scrubbing).						
(Deep Packet Inspection).									

5

1.

1.

2.

3.

2.

1.

L2 L3

L2.

		L3.						-
	2.							
	VLAN.	VLAN.	VLAN.	VLAN.		VLAN.	VLAN.	-
802.1Q.	VLAN.	VLAN.				native VLAN		
	DTP.						VLAN	
		VLAN.	VTP.	VTP.	VTP.	VTP.	VTP Pruning.	
	VTP.		VTP.		VTP.			-
VTP.		EtherChannel				EtherChannel.		-
LACP.		PAGP.			EtherChannel		2.	-
		EtherChannel.						
	3.	Spanning Tree						
	STP.	STP.	BPDU.					
							Per-VLAN STP Plus (PVST	
+).		STP.	Rapid Spanning Tree.				RSTP.	-
		RSTP	STP.				RSTP.	-
	UplinkFast.	STP.	STP.				STP.	-
		BackboneFast.			PortFast.		PortFast	
		BPDU Guard.			Root Guard.		Loop Guard.	
	UDLD.					UDLD.	FlexLinks.	
				STP.			MST.	MST.
	STP	MST.					MST.	
			MST.				STP.	
	4.			VLAN				
				VLAN.			VLAN	-
VLAN							SVI:	
		EtherChannel	L2	L3.				
		DHCP.						
	5.							
			FHRP.			HSRP.		
	HSRP.		HSRP		STP.			
HSRP.			HSRP.	HSRP				VRRP.
		VRRP.						GLPB
HSRP.		GLBP.			VRRP.		GLBP.	
GLBP.	GLBP	STP.		GLBP.				
	6.							
	AAA.						RADIUS	TACACS+.
			RADIUS.				TACACS +.	
AAA.			TACACS +	RADIUS.				
						IEEE.802.1X.		
		IEEE.802.1X.					NTP.	
	NTP.	NTP.	NTP.	SNTP.	PTP/IEEE-1588.			SNMP.
	SNMP.	SNMP.						SNMP.

7.		LLDP.	LLDP.	UDLD.	UDLD.		
LLDP.			(UDLD).		UDLD.		
	UDLD	STP Loop Guard.		Ethernet.	PoE.	-	
PoE.			PoE.	SDM.	SDM.		
	SDM.			SPAN	RSPAN.	IP SLA.	-
	IP SLA.		IP SLA			SLA.	-
	IP SLA.						
8.							MAC Storm
Flooding.							
Control.							
		DHCP.	DHCP Snooping.		DHCP.		
DHCP Snooping.	IP Source Guard.		IPSG.	ARP Spoofing.			-
ARP.	DAI.			VLAN.	VLAN Hopping.		
	VLAN.		VLAN.		VACL	ACL	PACL.
	VACL.		VLAN.	PVLAN.		PVLAN.	-
	PVLAN.		PVLAN.	PVLAN			-
3.							
1.							
					IGP	EGP.	-
IPv6.		ICMPv6	Neighbor Discovery.			NBMA.	-
						PPP.	PPPoE.
		VPN.	VPN	MPLS.		VPN.	
VPN.		MPLS	VPN.			GRE.	-
					GRE.	NHRP.	IPsec.
		TCP/IP.	MSS,		PMTUD.		IPv6
PMTUD.			TCP Starvation.			ICMP.	
RIPng.	RIP.	RIPv6.					
	RIPng.						
2.		EIGRP					
	EIGRP.		EIGRP.		EIGRP.		-
EIGRP.				EIGRP.			-
	EIGRP.		EIGRP.		EIGRP.		-
EIGRP.			EIGRP.		EIGRP.	EIGRP	-
		Stuck in Active.				EIGRP.	-
EIGRP.			EIGRP.			EIGRP	-
		EIGRP	IPv6.			IPv6.	-
		EIGRP.		EIGRP.			EIGRP
		IPv4.	EIGRP		IPv6.		
	EIGRP.						
3.		OSPF					

	OSPF.	OSPF.	OSPF.	OSPF.	-
DR/BDR.	OSPF.	OSPF.	OSPF.	OSPF.	-
	OSPF	Hub-and-Spoke	NBMA.	MTU.	-
LSDB.	OSPF.	OSPF.	LSA	OSPF.	-
SPF.	LSDB	OSPF.			-
	OSPF.	OSPF.			-
tual Links.		OSPF.	OSPF.	ASBR. OSPF Vir-	-
		OSPFv3.	OSPFv3.	OSPF Stub.	-
	OSPFv3.	OSPFv3.	OSPFv3	IPv4 IPv6.	-
	4.				-
		IP-			-
				OSPFv3	-
EIGRP	EIGRP.		OSPFv3		-
	IPv6.		EIGRP	OSPFv3.	-
	EIGRP	IPv6		OSPFv3.	-
					-
					-
		ACL.			-
			ACL,		-
					-
					-
	5.				-
Forwarding.		Cisco Express Forwarding.		Cisco Express CEF.	-
					-
PBR.	PBR.			PBR.	-
	IP SLA.	IP SLA.	IP SLA.	IP SLA.	-
					-
	6.				-
		ISP.	ISP.		-
	DHCP.		DHCP		-
	DHCP. NAT.	NAT.		NAT.	-
Interface.	PAT.	NAT.	NAT.	NAT Virtual	-
IPv6.	NAT-				-
	SLAAC.	DHCPv6. Stateless	DCHPv6. Stateful	DHCPv6.	-
	DHCPv6. NAT	IPv6.	ACL IPv6.		-
ACL IPv6.		-	IPv6.		-
		Dual-Homed.			-
					-
	7.	BGP			-

BGP. BGP
 BGP. BGP. BGP. BGP. BGP.
 iBGP. BGP. BGP. BGP- BGP- BGP- BGP.
 BGP. BGP. BGP. BGP. BGP. BGP. BGP
 BGP- eBGP Multihop. BGP. BGP. BGP. Next-Hop-Self.
 BGP. BGP. BGP. BGP. BGP. BGP. BGP. BGP.
 Hop. Origin. Local-Preference. Community. AS-Path. Next-
 Weight. BGP. MED. BGP. BGP. BGP. BGP. BGP. BGP.
 BGP. BGP. BGP. BGP. BGP. BGP. BGP. BGP. AS-Path. -
 BGP BGP IPv6. IPv6 IPv4. IPv6 MP-
 IPv6. IPv6. IPv6.
 8.
 TACACS +. AAA SSH. TACACS +. RADIUS RADIUS.
 uRPF uRPF. NTP. NTP. NTP. NTP. -
 NTP. NTP. IPv6. SNMP. SNMPv3. SNMPv3. SNMPv3. -
 SNMPv3. SCP. -
 OSPF. OSPFv3. BGP. VRF VRF-Lite. EIGRP.

2

1. 1. : “Richard Branson’s 10 secrets of success”. ()
: Present Simple, Present Continuous.
: The job of a tour representative. ()
2. 2. : “A leaflet from a recruitment agency”. ()
: Past Simple.
: At a job interview. ()
3. 3. : « ».
4. 4.
5. 2. 5. : «General Electric” (, ,)
: “L’Oreal and its activity”.
6. 6. : “Microsoft company” (, ,)
, “The Philips story”, “A shamrock organization”.
Present Perfect and Past Simple.
7. 7. : « ».

-
3. .
8. .
- : “Patterns of behavior in different countries” ().
9. .
- : “A return to spending and the front rows” ().
- : Countable and uncountable nouns. Articles.
- : « ».
4. .
10. .
- : “The Levi’s story” ().
- : Passive Voice.
11. .
- : “Worse things happen” ().
- : Verbs + Infinitive or Gerund form.
12. - , « ».

2

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