



**USER MANUAL
FOR
VALKYRIE ACADEMIA USERS**



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LOGIN PAGE

Enter Username and Password to login

Welcome to Valkyrie

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SIGN UP

1. Click on the link “Create an account”

Welcome to Valkyrie

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2. Click on the button “START SUBSCRIPTION FOR FREE”

Welcome to Valkyrie

Valkyrie

Valkyrie is a file verdict system. Different from traditional signature based malware detection techniques Valkyrie conducts several analysis using run-time behavior and hundreds of features from a file and based on analysis results can warn users against malware undetected by classic Anti-Virus products.

FREE (Basic) with limited functionality	PREMIUM with full functionality
<ul style="list-style-type: none">✓ Valkyrie - File Intelligence Service Artificial Intelligence Analyses✗ Valkyrie - File Intelligence Service Human Expert Analyses✗ Portable Container✓ Community Support✗ Professional support for 7 days 24 hours over email an phone	<ul style="list-style-type: none">✓ Valkyrie - File Intelligence Service Artificial Intelligence Analyses✓ Valkyrie - File Intelligence Service Human Expert Analyses✓ Portable Container✓ Community Support✓ Professional support for 7 days 24 hours over email an phone

START SUBSCRIPTION FOR FREE

BUY PREMIUM

OR enter your Valkyrie License key

Valkyrie License key

SUBMIT

• Full Support
• Not Supported
• Limited Support*

← BACK

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3. Enter data for the related fields “First Name” , “Last Name” , “Email” , “Password” , “Re-Enter Your Password”

4. Click on the check box with text “I agree with the Terms and Conditions”

5. Click on the button “SIGN UP”

Welcome to Valkyrie

Sign Up

Enter your account details below:

First Name
first_name_1

Last Name
last_name_1

Email
academia_user@comodo.com

Password

Re-Enter Your Password

I agree with the Terms and Conditions

← BACK

SIGN UP →

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6. You log in Valkyrie



first_name_1 last_name_1
(Free User)

Automated Analysis System

If you have a Portable Executable (PE) file (.exe, .dll, .sys etc) that you would like to be analysed, please upload it using the form below. Within seconds, detailed detection results will be displayed in the 'Static' and 'Dynamic' tabs. Users will also see an 'overall' security verdict for the file prominently displayed at the top of the page.

DOWNLOAD UNKNOWN FILE HUNTER

YOUR RECENT ANALYSIS REQUESTS

Total # of files: 0 Total # of Clean: 0 Total # of Unknown: 0 Total # of Malware: 0 Total # of PUA: 0 Total # in Human Expert Analysis: 0

My All Products

FILTER

Show 25 entries

Search:

File Name	Path	SHA1	Last Activity	Final Verdict	Human Expert Verdict	Human Expert Analysis Status	Actions
No matching records found							

Showing 1 to -1 of -1 entries



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UPLOAD FILE TO VALKYRIE

1. Click on "Upload New File" button



first_name_1 last_name_1
(Free User)

Automated Analysis System

If you have a Portable Executable (PE) file (.exe, .dll, .sys etc) that you would like to be analysed, please upload it using the form below. Within seconds, detailed detection results will be displayed in the 'Static' and 'Dynamic' tabs. Users will also see an 'overall' security verdict for the file prominently displayed at the top of the page.

DOWNLOAD UNKNOWN FILE HUNTER

YOUR RECENT ANALYSIS REQUESTS

Total # of files: 0 Total # of Clean: 0 Total # of Unknown: 0 Total # of Malware: 0 Total # of PUA: 0 Total # in Human Expert Analysis: 0

My All Products

FILTER

Show 25 entries

Search:

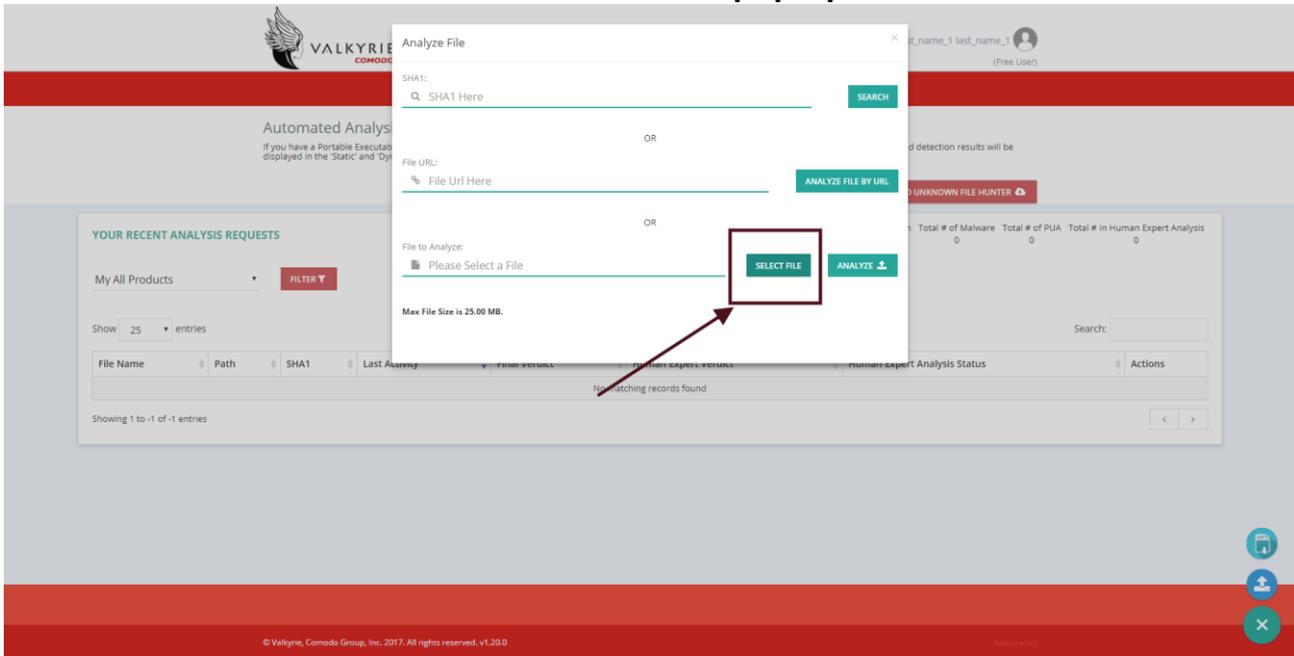
File Name	Path	SHA1	Last Activity	Final Verdict	Human Expert Verdict	Human Expert Analysis Status	Actions
No matching records found							

Showing 1 to -1 of -1 entries

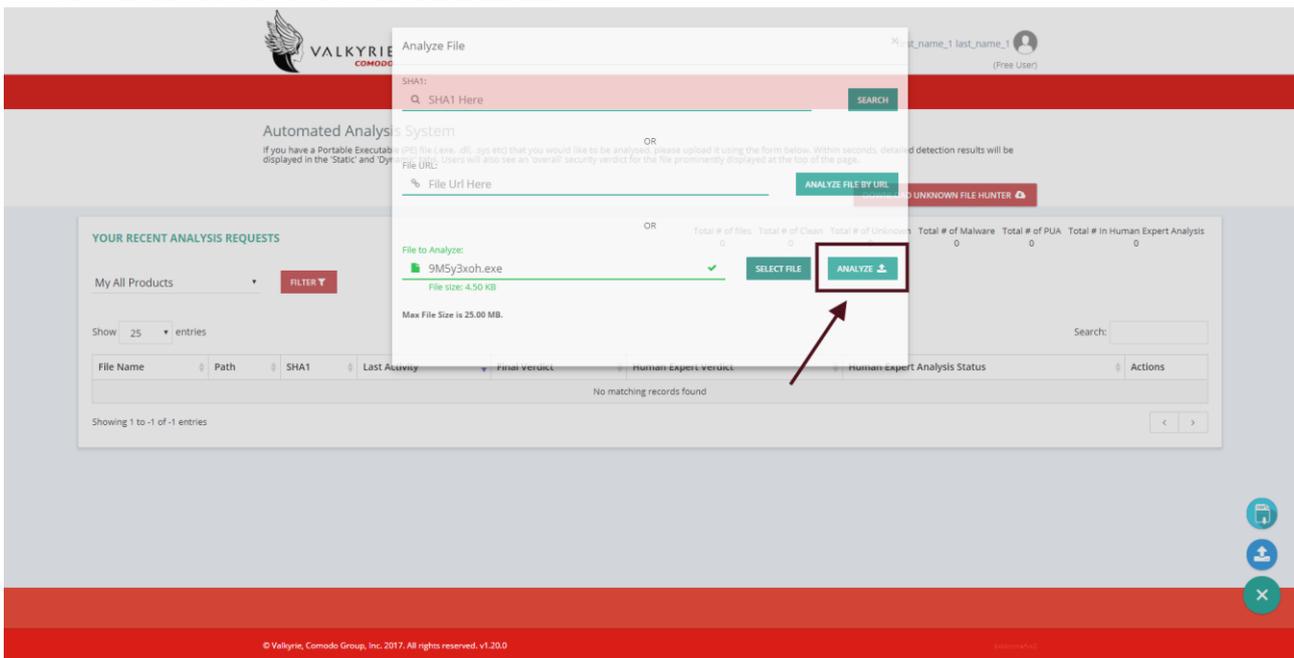


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2. Click on the button “SELECT FILE” on the pop-up window



3. Click on the button “ANALYZE”



4. Analysis is triggered.

File Name: 9M5y3xoh.exe
 File Type: PE32 executable (console) intel 80386 (stripped to external PDB), for MS Windows
 SHA1: 426906c8d231e81b597ddfc327a8fb627ba4379e
 MD5: 9a890fa31e16a295265f13e15b67d8f
 Number of Clients Seen: 0
 Human Expert Analysis Result: No human expert analysis verdict given to this sample yet.

ANALYSIS TYPE	DATE	VERDICT
Signature Based Detection	2017-08-22 17:15:08	No Match
Static Analysis Overall Verdict	2017-08-22 17:15:09	No Threat Found
File Certificate Validation	2017-08-22 17:15:07	Not Applicable

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5. Click on Valkyrie button after analysis is done to be directed to dashboard



first_name_1 last_name_1
(Free User)

6. The file analyzed is dropped to dashboard

Automated Analysis System

If you have a Portable Executable (PE) file (.exe, .dll, .sys etc) that you would like to be analysed, please upload it using the form below. Within seconds, detailed detection results will be displayed in the 'Static' and 'Dynamic' tabs. Users will also see an 'overall' security verdict for the file prominently displayed at the top of the page.

DOWNLOAD UNKNOWN FILE HUNTER

File Name	Path	SHA1	Last Activity	Final Verdict	Human Expert Verdict	Human Expert Analysis Status	Actions
9M5y3xoh.exe	Not Available	426906c8d231e81b597ddfc327a8f...	2017-08-22 17:15:03	No Threat Found	Not Ready	In Queue	[Info] [Virus] [Vt]

Showing 1 to 1 of 1 entries

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SHOW INFO OF FILE

1. Click on the button “View Info”

Automated Analysis System

If you have a Portable Executable (PE) file (.exe, .dll, .sys etc) that you would like to be analysed, please upload it using the form below. Within seconds, detailed detection results will be displayed in the 'Static' and 'Dynamic' tabs. Users will also see an 'overall' security verdict for the file prominently displayed at the top of the page.

DOWNLOAD UNKNOWN FILE HUNTER

YOUR RECENT ANALYSIS REQUESTS

Total # of files: 1, Total # of Clean: 0, Total # of Unknown: 1, Total # of Malware: 0, Total # of PUA: 0, Total # in Human Expert Analysis: 1

My All Products [FILTER]

Show 25 entries

File Name	Path	SHA1	Last Activity	Final Verdict	Human Expert Verdict	Human Expert Analysis Status	Actions
9M5y3xoh.exe	Not Available	426906c8d231e81b597ddfc327a8f...	2017-08-22 17:15:03	No Threat Found	Not Ready	In Queue	[View Info] [Refresh] [VT]

Showing 1 to 1 of 1 entries

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2. You are get_info page of the related file , to see all info of the related file click on “Static Analysis” , “Dynamic Analysis” , “Precise Detectors” , “File Details”

Valkyrie Comodo

Tugay Karacay (Free User) (Salesman) (Human Expert Analyst) (Human Expert Analysis Team Lead) (Admin) (Human Expert Senior Analyst) (Whitelisting Operator)

Summary | **Static Analysis** | Dynamic Analysis | Precise Detectors | File Details

File Name: 9M5y3xoh.exe
 File Type: PE32 executable (console) intel 80386 (stripped to external PDB), for MS Windows
 SHA1: 426906c8d231e81b597ddfc327a8f627ba4379e
 MD5: 9a890fa31e16a295265f13e15b67d8df
 First Seen Date: 2017-08-22 17:17:31 (about an hour ago)
 Number of Clients Seen: 1
 Last Analysis Date: 2017-08-22 17:17:31 (about an hour ago)
 Human Expert Analysis Result: No human expert analysis verdict given to this sample yet.
 Verdict Source: Valkyrie Automatic Analysis Overall Verdict

NO THREAT FOUND
Valkyrie Final Verdict

Analysis Summary

ANALYSIS TYPE	DATE	VERDICT
Signature Based Detection	2017-08-22 17:17:31	No Match
Static Analysis Overall Verdict	2017-08-22 17:17:31	No Threat Found
Dynamic Analysis Overall Verdict	2017-08-22 17:17:31	No Match
Precise Detectors Overall Verdict	2017-08-22 17:17:31	No Match
File Certificate Validation	2017-08-22 14:17:31	Not Applicable

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DOWNLOAD PCAP FILE OF THE RELATED FILE

1. Go to get_info page of the file by clicking the button “View Info”

Automated Analysis System

If you have a Portable Executable (PE) file (.exe, .dll, .sys etc) that you would like to be analysed, please upload it using the form below. Within seconds, detailed detection results will be displayed in the 'Static' and 'Dynamic' tabs. Users will also see an 'overall' security verdict for the file prominently displayed at the top of the page.

DOWNLOAD UNKNOWN FILE HUNTER

YOUR RECENT ANALYSIS REQUESTS

Total # of files: 1, Total # of Clean: 0, Total # of Unknown: 1, Total # of Malware: 0, Total # of PUA: 0, Total # in Human Expert Analysis: 1

My All Products [FILTER]

Show 25 entries

File Name	Path	SHA1	Last Activity	Final Verdict	Human Expert Verdict	Human Expert Analysis Status	Actions
9M5y3xoh.exe	Not Available	426906c8d231e81b597d9dfc327a8f...	2017-08-22 17:15:03	No Threat Found	Not Ready	In Queue	[View Info] [Download Pcap File] [VT]

Showing 1 to 1 of 1 entries

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Click on the button “Download Pcap File”

Valkyrie Comodo

Tugay Karacay (Free User) (Salesman) (Human Expert Analyst) (Human Expert Analysis Team Lead) (Admin) (Human Expert Senior Analyst) (Whitelisting Operator)

Summary | Static Analysis | Dynamic Analysis | Precise Detectors | File Details

File Name: 9M5y3xoh.exe
File Type: PE32 executable (console) Intel 80386 (stripped to external PDB), for MS Windows
SHA1: 426906c8d231e81b597d9dfc327a8f627ba4379e
MD5: 9a890fa31e16a295265f13e15b67d8df
First Seen Date: 2017-08-22 17:17:31 (about an hour ago)
Number of Clients Seen: 1
Last Analysis Date: 2017-08-22 17:17:31 (about an hour ago)
Human Expert Analysis Result: No human expert analysis verdict given to this sample yet.
Verdict Source: Valkyrie Automatic Analysis Overall Verdict

NO THREAT FOUND
Valkyrie Final Verdict

Analysis Summary

ANALYSIS TYPE	DATE	VERDICT
Signature Based Detection	2017-08-22 17:17:31	No Match
Static Analysis Overall Verdict	2017-08-22 17:17:31	No Threat Found
Dynamic Analysis Overall Verdict	2017-08-22 17:17:31	No Match
Precise Detectors Overall Verdict	2017-08-22 17:17:31	No Match
File Certificate Validation	2017-08-22 14:17:31	Not Applicable

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3. Pcap File is downloaded



first_name_1 last_name_1
(Free User)

Summary Static Analysis Dynamic Analysis Precise Detectors File Details

File Name: 9M5y3xoh.exe
 File Type: PE32 executable (console) Intel 80386 (stripped to external PDB), for MS Windows
 SHA1: 426906c8d231e81b597ddfc327a8fb627ba4379e
 MD5: 9a890fa31e16a295265f13e15b67dd8f
 First Seen Date: 2017-08-22 17:17:31 (about an hour ago)
 Number of Clients Seen: 2
 Last Analysis Date: 2017-08-22 17:17:31 (about an hour ago)
 Human Expert Analysis Result: No human expert analysis verdict given to this sample yet.
 Verdict Source: Valkyrie Automatic Analysis Overall Verdict

NO THREAT FOUND
Valkyrie Final Verdict

Analysis Summary

ANALYSIS TYPE	DATE	VERDICT
Signature Based Detection	2017-08-22 17:17:31	No Match
Static Analysis Overall Verdict	2017-08-22 17:17:31	No Threat Found
Dynamic Analysis Overall Verdict	2017-08-22 17:17:31	No Match
Precise Detectors Overall Verdict	2017-08-22 17:17:31	No Match
File Certificate Validation	2017-08-22 14:17:31	Not Applicable

426906c8d231e8...pcap

SHOW RESULTS OF PRECISE DETECTORS

1. Click on the button “View Info” of the related file



first_name_1 last_name_1
(Free User)

Automated Analysis System

If you have a Portable Executable (PE) file (.exe, .dll, .sys etc) that you would like to be analysed, please upload it using the form below. Within seconds, detailed detection results will be displayed in the 'Static' and 'Dynamic' tabs. Users will also see an 'overall' security verdict for the file prominently displayed at the top of the page.

DOWNLOAD UNKNOWN FILE HUNTER

YOUR RECENT ANALYSIS REQUESTS

Total # of files: 2 Total # of Clean: 0 Total # of Unknown: 1 Total # of Malware: 1 Total # of PUA: 0 Total # in Human Expert Analysis: 1

My All Products

FILTER

Show 25 entries

Search:

File Name	Path	SHA1	Last Activity	Final Verdict	Human Expert Verdict	Human Expert Analysis Status	Actions
90fe559ad0f2fcc006cfd5f40485ae7386c3...	Not Available	90fe559ad0f2fcc006cfd5f4048...	2017-08-22 18:52:03	Malware			View Info
9M5y3xoh.exe	Not Available	426906c8d231e81b597ddfc327...	2017-08-22 17:15:03	No Threat Found	Not Ready	In Queue	View Info

Showing 1 to 2 of 2 entries

2. get_info page of the related file is opened. Click on the tab “Precise Detectors”, Precise Detectors Analysis Result is displayed

The screenshot displays the Valkyrie Comodo interface. At the top left is the Valkyrie Comodo logo. On the top right, there is a user profile icon labeled 'first_name_1 last_name_1 (Free User)'. Below the logo is a navigation bar with tabs: Summary, Static Analysis, Dynamic Analysis, Precise Detectors (selected), and File Details. The main content area shows file analysis details:

- File Name: 90fe559addf2fcc006cf0d5f40486ae7386c365f
- File Type: PE32 executable (DLL) (GUI) Intel 80386, for MS Windows
- SHA1: 90fe559addf2fcc006cf0d5f40486ae7386c365f
- MDS: 86c127216533486a18e491d9485ae71b
- First Seen Date: 2017-08-22 18:39:19 (14 minutes ago)
- Number of Clients Seen: 3
- Last Analysis Date: 2017-08-22 18:39:10 (14 minutes ago)
- Human Expert Analysis Result: No human expert analysis verdict given to this sample yet.
- Verdict Source: Signature Based Detection

To the right of these details is a 'Valkyrie Final Verdict' icon. Below this is a section titled 'Precise Detectors Analysis Results' containing a table:

DETECTOR NAME	DATE	VERDICT	REASON
Static Precise PUA Detector 1	2017-08-22 18:38:28	PUA	Application.Win32.BrowseFox@5

On the right side of the table, there is a vertical toolbar with icons for search, VT, download, print, share, and close. At the bottom of the interface, there is a footer with the text: '© Valkyrie, Comodo Group, Inc. 2017. All rights reserved. v1.20.0'.